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SUBJECT CLASSIFICATION

This is a list of headings, with code numbers, under which articles were classified during the second half of 1969. The headings in capital letters are identical with those appearing in the monthly issues.

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| <p>00. GENERAL</p> <ul style="list-style-type: none"> 00 General mathematics 04 Collections of papers: Proceedings of conferences of general interest, translation volumes, etc. (See also 01.60) 20 General bibliographies 30 Dictionaries and other general reference works 50 Methodology and philosophy of mathematics <p>01. HISTORY AND BIOGRAPHY</p> <ul style="list-style-type: none"> 01 General histories, source books 02 Primitive 05 Pre-Greek, Babylonian, Egyptian 08 Greek 10 Far East 12 Islam 15 Medieval 18 15th and 16th centuries, Renaissance 20 17th century 25 18th century 30 19th century 35 20th century 40 Contemporary 50 Biographies, obituaries, personalia 60 Collected or selected works; reprints or translations of classics <p>02. LOGIC AND FOUNDATIONS</p> <ul style="list-style-type: none"> 10 Classical deductive systems, general 12 Propositional calculus, two-valued 16 Predicate calculus 18 Classical proof theory 20 Non-classical logic, general 23 Intuitionism 25 Many-valued logic 27 Modal logic 30 Formal syntax and linguistics, general 32 Higher-order languages 35 Infinitary languages 38 Languages with additional quantifiers 40 Algebraic logic, general 42 Boolean algebras, lattices, topologies 45 Algebra of relations 48 Cylindric and polyadic algebras 50 Model theory, general 52 Semantics and metamathematics, categoricity 54 Axiomatics and applications, decision methods 57 Non-standard models 60 Axiomatic set theory, general 63 Formalization of set theory 65 Consistency, independence, existence 68 Measurability, accessibility, other special questions 70 Recursive function theory, general 72 Arithmetic and recursive analysis 74 Undecidability 75 Unsolvability in mathematical systems 77 Hierarchies 80 Algorithms and machines, general 82 Turing, Post, Thue schemes 85 Combinatory logic 88 Abstract automaton theory (See also 94.40) <p>04. SET THEORY</p> <ul style="list-style-type: none"> 15 Point sets 20 Relations (See also 08.20) | <p>30 Transfinite numbers</p> <p>40 Descriptive set theory; Borel classifications, Suslin schemes, etc. (See also 28.10)</p> <p>60 Combinatorial (See also 05.04)</p> <p>05. COMBINATORIAL THEORY, GRAPH THEORY</p> <ul style="list-style-type: none"> 04 Combinatorial choice problems; subsets, representatives 05 Factorials, binomial coefficients, combinatorial functions 10 Combinatorial enumeration problems, generating functions 15 Combinatorial inequalities 20 Block designs (See also 62.61) 22 Difference sets (number-theoretic, group-theoretic, etc.) 24 Orthogonal arrays, Latin squares 25 Matrices 27 Finite geometries (See also 50.60) 30 Other designs, configurations 35 Matroids, geometric lattices 40 Graphs, general theory 45 Trees 50 Topological graph theory, embedding (See also 55.10) 55 Chromatic theory of graphs and maps 60 Directed graphs (digraphs) 62 Graphs and groups 65 Enumeration of graphs and maps <p>06. ORDER, LATTICES, ORDERED ALGEBRAIC STRUCTURES</p> <ul style="list-style-type: none"> 10 Total order 20 Partial order 30 Lattices, generalizations 35 Complemented lattices, generalizations 40 Modular lattices, continuous geometries, generalizations 50 Distributive lattices, generalizations 60 Boolean algebras and rings 65 Order topologies (See also 54.56) 70 Ordered semigroups, other generalizations of groups 75 Ordered groups 78 Ordered abelian groups 80 Ordered linear spaces (See also 46.06) 85 Ordered rings, algebras, modules (See 12.70 for ordered fields) 90 Other ordered algebraic structures <p>08. GENERAL MATHEMATICAL SYSTEMS</p> <ul style="list-style-type: none"> 10 Concrete categories, structures (See also 18.10) 20 Laws of composition 30 Universal algebra, general algebraic structures 40 Other <p>10. THEORY OF NUMBERS</p> <ul style="list-style-type: none"> 01 General books 02 Tables 03 Computations 05 Elementary number theory, general 06 Congruences, residues 07 Special functions and sequences 08 Elementary prime number theory 09 Expansions and algorithms 10 Diophantine equations, general 11 Linear and quadratic equations 12 Cubic and quartic equations 13 Equations of higher degree 14 Local (p-adic) theory 15 Forms, general 16 Quadratic, Hermitian forms 17 Forms of degree ≥ 3 18 Multilinear forms |
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| <p>20 Modular functions and forms, automorphic functions (See also 20.65, 30.49, 32.65)</p> <p>21 Modular group, modular functions</p> <p>22 Automorphic forms, one variable</p> <p>23 Several variables</p> <p>25 Geometry of numbers</p> <p>30 Diophantine approximation</p> <p>31 Linear approximation, continued fractions</p> <p>32 Algebraicity, irrationality and transcendence</p> <p>33 Distribution modulo 1, normal numbers</p> <p>34 Analytic and p-adic theory</p> <p>40 Analytic multiplicative theory, general</p> <p>41 Analytic tools (Zeta- and L-functions, exponential sums, etc.)</p> <p>42 Distribution of the integers with specified multiplicative structure (including primes)</p> <p>43 Number-theoretic functions</p> <p>45 Analytic additive theory, general</p> <p>46 Sums of powers, generalizations</p> <p>47 Additive questions concerning primes</p> <p>48 Partitions, generating functions</p> <p>49 Sequences</p> <p>50 Probabilistic number theory</p> <p>55 Combinatorial problems in number theory (See also 05.00)</p> <p>60 Sequences of integers, general</p> <p>61 Recursive and other special sequences</p> <p>62 Addition of sequences, basis, essential components, etc.</p> <p>63 Density of special sequences</p> <p>64 Sieves</p> <p>65 Algebraic number theory, general (See also 12.50)</p> <p>66 Individual algebraic number fields (quadratic, cubic, cyclotomic, Kummer, etc.)</p> <p>67 Local theory (valuations, finite extensions of p-adic fields)</p> <p>68 Class field theory, complex multiplication</p> <p>69 Arithmetic of general rings</p> <p>75 Arithmetic theory of algebraic objects</p> <p>76 Polynomials</p> <p>77 Finite fields, power series fields</p> <p>78 Valued fields, algebraic function fields</p> <p>79 Matrices</p> <p>80 Decidability, other logical questions</p> | <p>14. ALGEBRAIC GEOMETRY</p> <p>01 Algebraic varieties in real and complex spaces, classical algebraic geometry</p> <p>05 Algebraic geometry over abstract fields and rings, general</p> <p>08 Foundational questions</p> <p>10 Theories of equivalence</p> <p>15 Transformations and correspondences</p> <p>18 Singularities</p> <p>20 Algebraic curves, surfaces and special varieties</p> <p>35 Algebraic function fields (See also 10.78, 12.78)</p> <p>40 Arithmetic properties of varieties</p> <p>45 Rationality questions</p> <p>47 Weil conjectures, Riemann hypotheses</p> <p>48 Zeta functions for varieties (including mod p questions)</p> <p>49 Geometric analogues of arithmetic questions</p> <p>50 Group varieties (algebraic groups), abstract analytic groups</p> <p>51 Abelian varieties</p> <p>52 Abstract derivations and differentials</p> <p>55 Sheaf-theoretic and homological methods</p> |
| <p>12. FIELDS AND POLYNOMIALS</p> <p>10 Division rings (See also 16.46)</p> <p>20 Finite fields (See also 10.77)</p> <p>25 Polynomials over finite fields</p> <p>30 Polynomials</p> <p>40 Galois theory (See also 12.80, 13.70, 16.70)</p> <p>45 Algebraic extension fields</p> <p>50 Algebraic number fields (See also 10.65)</p> <p>70 Valuations, topological fields, ordered fields (See also 10.78, 13.98)</p> <p>75 Transcendental extension fields</p> <p>78 Algebraic function fields (See also 10.78, 14.35)</p> <p>80 Differential and difference algebra; differential Galois theory</p> | <p>15. LINEAR AND MULTILINEAR ALGEBRA, MATRIX THEORY</p> <p>05 Vector spaces, linear dependence, rank</p> <p>10 Linear equations</p> <p>15 Matrix inversion, generalized inverses</p> <p>20 Determinants, permanents, other special matrix functions</p> <p>25 Eigenvalues and eigenvectors</p> <p>30 Canonical forms, reductions, classification</p> <p>35 Matrix equations and identities</p> <p>38 Commutativity</p> <p>40 Algebraic systems of matrices (See also 16.48, 20.75)</p> <p>45 Matrices over special rings (quaternions, finite fields, etc.)</p> <p>48 Matrices of integers (See also 10.79)</p> <p>50 Linear inequalities</p> <p>55 Inequalities involving eigenvalues and eigenvectors</p> <p>58 Miscellaneous inequalities involving matrices</p> <p>60 Positive matrices</p> <p>65 Stochastic matrices</p> <p>70 Quadratic and bilinear forms, inner products</p> <p>75 Clifford algebras</p> <p>80 Multilinear algebra, tensor products</p> <p>85 Vector and tensor algebra, theory of invariants</p> <p>90 Exterior algebra, Grassmann algebras</p> |
| <p>13. COMMUTATIVE ASSOCIATIVE RINGS AND ALGEBRAS
(See also 16.00)</p> <p>10 General theory</p> <p>15 Integral domains, unique factorization domains</p> <p>20 Ideal theory</p> <p>25 Chain conditions; Artinian rings, Noetherian rings</p> <p>30 Radical theory</p> <p>40 Modules, representation</p> <p>50 Structure, classification</p> <p>60 Automorphisms, derivations</p> <p>70 Galois theory</p> <p>80 Extension theory</p> <p>90 Homological methods</p> <p>93 Rings of polynomials, formal power series</p> <p>95 Local rings</p> <p>98 Valuations (See also 12.70)</p> | <p>16. ASSOCIATIVE RINGS AND ALGEBRAS (See also 13.00)</p> <p>10 General theory</p> <p>15 Integral domains, unique factorization domains (non-commutative)</p> <p>20 Ideal theory</p> <p>25 Chain conditions; Artinian rings, Noetherian rings</p> <p>30 Radical theory</p> <p>32 Nil, nilpotent, radical rings</p> <p>40 Modules, representation</p> <p>42 Primitive rings</p> <p>44 Semisimple rings</p> <p>46 Simple rings, division rings</p> <p>48 Matrix rings</p> <p>49 Rings with polynomial identity</p> <p>50 Structure, classification</p> <p>53 Prime rings</p> <p>55 Rings with annihilator conditions</p> <p>56 Regular rings</p> <p>58 Rings with involution</p> <p>60 Automorphisms, derivations</p> <p>70 Galois theory</p> <p>80 Extension theory</p> <p>90 Homological methods</p> <p>94 Finite rings</p> <p>96 Semirings, other generalizations of rings (See also 08.00)</p> <p>98 Topological rings</p> |

SUBJECT CLASSIFICATION

17. NONASSOCIATIVE RINGS AND ALGEBRAS

- 10 General
- 20 Power associative
- 30 Lie (See also 22.80)
- 40 Jordan
- 50 Alternative
- 60 Other

18. CATEGORY THEORY, HOMOLOGICAL ALGEBRA

- 10 Abstract categories and functors (See also 08.10)
- 15 Abelian categories
- 20 Homological algebra

20. GROUP THEORY AND GENERALIZATIONS

- 08 Varieties of groups
- 10 Group presentations; free groups, generators, relations
- 15 Periodic groups
- 18 Groups with local properties
- 20 Groups acting on sets, permutation groups
- 22 Automorphism groups
- 25 Finite group theory
- 27 Structure of groups, classification
- 29 Simple groups
- 30 Abelian groups
- 40 Nilpotent, solvable, p -groups
- 43 Sylow subgroups, Γ -subgroups
- 48 Group extensions
- 50 Homological methods in group theory
- 51 Limits of systems of groups
- 52 General products of groups (including semi-direct, wreath, free, amalgamated)
- 54 Special subgroups
- 56 Series of subgroups
- 58 Lattices of subgroups
- 60 Crystallographic and discrete geometric groups
- 65 Modular groups, discrete subgroups of classical groups
- 70 Classical groups (See also 22.55)
- 72 Collineation groups
- 75 Linear groups, general (See also 14.50)
- 80 Representations, characters, group algebras
- 85 Representations of symmetric groups
- 90 Semigroup algebras, representations, characters
- 92 Semigroups, general theory (See also 06.70)
- 93 Semigroups, structure and classification
- 95 Other binary systems; groupoids, quasigroups, loops
- 97 Ternary systems; heaps, semiheaps, heapoids
- 98 n -ary systems (See also 08.00)

22. TOPOLOGICAL GROUPS AND LIE THEORY

- 05 Topological semigroups and other generalizations of groups
- 10 Topological groups
- 20 Locally compact groups (See also 28.75 for Haar measure, 42.50 for LCA groups)
- 40 Transformation groups (See also 54.80, 54.82, 57.47)
- 50 Lie groups
- 55 Classical groups (See also 14.50, 20.70)
- 57 Representations and analysis of classical groups (See also 51.22)
- 60 Representations and analysis, general
- 65 Harmonic analysis on non-abelian groups (See 42.50 for LCA groups)
- 70 Homogeneous spaces, symmetric spaces (See also 53.66, 53.73, 57.45)
- 80 Lie algebras of Lie groups (See also 17.30)
- 90 Other Lie theory

26. FUNCTIONS OF REAL VARIABLES

- 10 Foundations: limits and generalizations, elementary topology of the line

- 20 Calculus
- 21 Elementary functions
- 30 Continuity and related questions (modulus of continuity, semicontinuity, discontinuities, etc.)
- 35 Classification of real functions; Baire classification of sets and functions (See also 28.00)
- 40 Differentiation, general theory; mean-value theorems (See also 28.16)
- 41 Non-differentiability (non-differentiable functions, points of non-differentiability), discontinuous derivatives
- 43 Generalized derivatives, derivatives of fractional order
- 44 Antidifferentiation
- 45 Denjoy integral, other special integrals
- 46 Integrals of Riemann, Stieltjes and Lebesgue type (See also 28.00)
- 49 Functions of bounded variation, generalizations
- 50 Monotonic functions, generalizations
- 52 Convexity, generalizations
- 54 Fixed-point theorems
- 55 Several variables, implicit function theorems, Jacobians, transformations with several variables
- 56 Length, area, volume
- 60 Polynomials
- 70 Inequalities (of a general and miscellaneous character)
- 80 Real-analytic functions, C^∞ functions

28. MEASURE AND INTEGRATION

- 10 Classes of sets (Borel fields, σ -rings, etc.), measurable sets, Suslin sets, analytic sets (See also 04.40)
- 13 Real- or complex-valued set functions, contents, measures, outer measures, capacities, etc.
- 16 Abstract differentiation theory, differentiation of set functions (See also 26.40)
- 20 Measurable and non-measurable functions; modes of convergence
- 25 Integration with respect to measures and other set functions
- 30 Integration theory via linear functionals (Radon measures, Daniell integrals, etc.)
- 40 Measures and integrals in product spaces
- 46 Measures and integrals in function spaces, linear spaces; Wiener measure
- 50 Vector-valued measures and integrals, integration of vector-valued functions
- 55 Integration and disintegration of measures, lifting theory
- 60 Measures and integrals with values in general ordered systems
- 65 Measures on Boolean rings, measure algebras
- 70 Measure-preserving transformations, flows (dynamical systems), ergodic theory
- 75 Invariant measures, Haar measure (See also 22.20)
- 80 Length, area, volume; other geometric measure theory

30. FUNCTIONS OF A COMPLEX VARIABLE

- 01 General questions, foundations
- 02 Monogenic properties of complex functions (also polygenic and areolar monogenic functions)
- 09 Inequalities in the complex domain
- 10 Polynomials
- 11 Zeros of polynomials
- 20 Power series
- 21 Behavior on the boundary of convergence. Overconvergence
- 24 Dirichlet series
- 25 Continued fractions
- 28 Analytic continuation
- 30 Sequences and series of analytic functions; uniform convergence, normal families, normal functions
- 35 Integration; integral representations; Cauchy integral, Poisson and Poisson-Stieltjes integrals
- 36 Moment problems; interpolation problems
- 40 Conformal mapping, general theory
- 41 Capacity, harmonic measure
- 42 Univalent functions

SUBJECT CLASSIFICATION

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| <p>43 Coefficient problems
 44 Multivalent functions
 45 Riemann surfaces, uniformization
 46 Algebraic functions, Abelian integrals
 47 Quasiconformal mapping
 49 Automorphic functions and modular functions
 50 Maximum principle. Schwarz's lemma, Phragmén-Lindelöf theorems
 52 Extremal problems in the complex domain
 55 Entire functions, general theory
 56 Entire functions, representation by Dirichlet series
 57 Entire functions, growth estimates
 58 Entire functions, distribution of values
 60 Meromorphic functions, general theory
 61 Distribution of values, Picard-type theorems, Nevanlinna theory, defect (deficiency) theory
 62 Theory of cluster sets, prime ends, boundary behavior
 65 Bounded functions, positive real part, Blaschke products
 66 Bounded mean modulus, bounded characteristic
 67 H_p classes and other restrictions
 70 Approximation by polynomials and rational functions in the complex domain
 75 Boundary value problems, Dirichlet problem
 77 Special boundary value problems; Riemann-Hilbert problem. Inverse boundary problems
 79 Algebroidal functions
 80 Topological function theory, functions topologically equivalent to analytic mappings
 81 Generalized analytic mappings. Pseudo-analytic functions of Bers, Vekua, etc.
 83 Functions of hypercomplex variables and generalized variables (See also 32.90)
 85 Spaces of analytic functions (See also 46.30)
 86 Kernel function and applications
 87 Algebras of analytic functions (See also 46.55)</p> <p>31. POTENTIAL THEORY</p> <p>10 Harmonic functions in the plane
 11 Harmonic functions, general
 15 Subharmonic, superharmonic functions
 20 Boundary value problems, Dirichlet problem
 21 Capacity and harmonic measure
 22 Generalized capacity and potential
 30 Biharmonic and polyharmonic functions and equations
 35 Poisson's equation
 50 Axiomatic potential theory</p> <p>32. SEVERAL COMPLEX VARIABLES</p> <p>02 Foundations, general questions
 05 Polynomials, entire functions
 10 Power series, formal theory
 15 Integral representations
 17 Inequalities
 20 Domains of holomorphy
 22 Pseudoconvexity
 25 Local properties of holomorphic functions
 27 Removable singularities
 32 Complex symmetric spaces
 35 Bergman kernel function
 40 Analytic manifolds
 44 Analytic varieties
 47 Analytic spaces
 49 Stein spaces
 50 Analytic sheaves and cohomology theory
 60 Holomorphic mappings
 65 Automorphic functions
 70 Approximation theorems
 80 Nonarchimedean function theory</p> <p>33. SPECIAL FUNCTIONS</p> <p>04 Number-theoretic functions, special sequences
 10 Exponential and trigonometric functions</p> | <p>15 Gamma and beta functions
 17 Error function, probability integral
 19 Elliptic functions and integrals
 20 Hypergeometric functions, generalizations
 21 E-functions, G-functions
 25 Cylindrical functions; Bessel functions
 27 Spherical functions; Legendre polynomials and functions, spherical harmonics, ultraspherical polynomials
 28 Lamé, Mathieu, spheroidal wave functions
 30 Wave functions
 32 Gegenbauer functions
 40 Orthogonal special functions and polynomials (Čebyshev, Hermite, Jacobi, Laguerre, etc.) (See also 42.15)
 45 Other special functions
 50 Special functions and Lie groups</p> <p>34. ORDINARY DIFFERENTIAL EQUATIONS</p> <p>02 Solutions in closed form; integration by quadratures; reduction of differential equations
 04 General existence and uniqueness theorems; continuous dependence of solution on parameter, initial and boundary conditions
 06 Differential equations in the complex domain
 10 Analytical theory: series, transformations, transforms, operational calculus, etc.
 20 Linear equations and systems, general
 30 Boundary value problems for linear equations: spectral theory, asymptotic behavior of eigenfunctions, distribution of eigenvalues (See also 47.80)
 36 Nonlinear and multi-point boundary value problems
 40 Qualitative theory, general
 41 Limit cycles, singular points
 42 Zeros, growth, oscillation and comparison of solutions
 45 Nonlinear oscillations, periodic and almost periodic solutions, integral manifolds, averaging method
 50 Asymptotic expansions, asymptotic behavior of solutions, turning points
 51 Stability
 53 Perturbations
 54 Singular perturbations; small parameter with highest derivative
 60 Equations and systems with randomness (See 60.75 for stochastic differential equations)
 65 Dynamical systems, systems on manifolds
 70 Differential equations of infinite order
 75 Functional differential equations: differential-difference equations, equations with retarded argument
 85 Optimal control problems
 90 Differential inequalities
 95 Differential equations in Banach and other abstract spaces</p> <p>35. PARTIAL DIFFERENTIAL EQUATIONS</p> <p>01 Existence and uniqueness theorems, general
 02 Successive approximations
 03 Cauchy-Kowalewski theorem, series solutions
 04 Variational methods, a priori estimates
 05 Analytic methods; singularities
 06 Other special methods
 07 Dependence of solutions on initial and boundary data, parameters
 09 Geometric theory, characteristics, transformations
 10 Qualitative theory, general
 11 Comparison theorems; oscillation, zeros and growth of solutions
 12 Periodic solutions
 13 Perturbations
 14 Singular perturbations, almost periodic solutions
 15 Stability and control, boundedness
 16 Asymptotic behavior of solutions
 19 Differential inequalities; a priori estimates
 20 Generalized solutions</p> |
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SUBJECT CLASSIFICATION

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| <p>21 Embedding theorems, Sobolev spaces (See also 46.38)</p> <p>23 Pseudodifferential operators (See also 47.65)</p> <p>24 Regularity of generalized solutions</p> <p>30 Linear equations and systems, first order</p> <p>31 Linear equations and systems, higher order</p> <p>35 Nonlinear equations and systems, first order</p> <p>36 Nonlinear equations and systems, higher order</p> <p>37 Cauchy problems</p> <p>38 Discontinuous coefficients or data</p> <p>39 Equations and systems with constant coefficients</p> <p>42 Second order elliptic equations</p> <p>43 Higher order elliptic equations</p> <p>44 Elliptic systems (linear or nonlinear)</p> <p>45 Boundary value problems for elliptic equations</p> <p>46 Boundary value problems for elliptic systems</p> <p>47 Quasilinear elliptic equations and systems</p> <p>48 Hypoelliptic equations and systems</p> <p>52 Second order hyperbolic equations</p> <p>53 Hyperbolic systems, hyperbolic equations of higher order</p> <p>55 Boundary value problems for hyperbolic equations and systems</p> <p>57 Quasilinear hyperbolic equations and systems</p> <p>62 Second order parabolic equations</p> <p>63 Parabolic systems, parabolic equations of higher order</p> <p>65 Boundary value problems for parabolic equations and systems</p> <p>70 Equations and systems of mixed type (boundary value problems, etc.)</p> <p>75 Laplace's equation, reduced wave equation, Poisson's equation</p> <p>76 Wave equation</p> <p>77 Schrödinger equation</p> <p>78 Heat equation</p> <p>79 Other special equations and problems</p> <p>80 Eigenvalue problems, spectral theory, eigenfunction expansions (See also 47.65)</p> <p>88 Difference-partial differential equations; equations with time lag</p> <p>95 Operator equations, general (See also 34.95)</p> <p>96 Equations on manifolds</p> <p>97 Equations in function spaces</p>
<p>39. FINITE DIFFERENCES AND FUNCTIONAL EQUATIONS</p> <p>10 Finite differences, general</p> <p>20 Difference equations (See also 65.70)</p> <p>30 Functional equations, general</p> <p>31 Classical functional equations</p> <p>33 Linear and multilinear functional equations</p> <p>35 Functional equations in several variables, systems</p> <p>37 Matrix functional equations</p> <p>39 Functional equations on abstract structures</p>
<p>40. SEQUENCES, SERIES, SUMMABILITY</p> <p>10 Series and sequences of numbers, general</p> <p>11 Infinite products</p> <p>12 Continued fractions</p> <p>13 Convergence and divergence</p> <p>15 Multiple series and sequences</p> <p>20 Sequences and series of functions, convergence</p> <p>30 Summability, general methods</p> <p>31 Summability, matrix methods</p> <p>32 Cesàro summability</p> <p>33 Abel, Poisson summability</p> <p>35 Summability of double series</p> <p>40 Convergence and summability of integrals</p> <p>42 Tauberian theorems</p> <p>46 Functional-analytic methods in summability theory</p> <p>50 Summability in topological groups, linear spaces, etc.</p>
<p>41. APPROXIMATIONS AND EXPANSIONS</p> <p>10 Interpolation</p> <p>15 Polynomial approximation (See also 30.70)</p> <p>17 Approximation by rational functions (See also 30.70)</p>
<p>42. FOURIER ANALYSIS</p> <p>05 Trigonometric polynomials</p> <p>06 Best approximation by trigonometric polynomials</p> <p>08 Trigonometric interpolation</p> <p>10 Fourier coefficients</p> <p>11 Convergence of Fourier series</p> <p>12 Absolute convergence of Fourier series</p> <p>15 Orthogonal functions and polynomials, general (See also 33.40)</p> <p>16 Expansions in orthogonal functions and polynomials</p> <p>17 Completeness of sets of orthogonal functions</p> <p>18 Completeness, closure, spectral synthesis</p> <p>20 Summability of Fourier and generalized Fourier expansions</p> <p>25 Fourier transform</p> <p>26 Other Fourier-type transforms</p> <p>27 Trigonometric moment problems</p> <p>30 Almost periodic functions</p> <p>35 Positive definite functions</p> <p>40 Multiple Fourier series and integrals</p> <p>50 Abstract harmonic analysis (Fourier analysis on LCA groups) (See also 22.65)</p> <p>51 Characters, duality</p> <p>52 Fourier-Stieltjes transform</p> <p>54 Positive definite functions on LCA groups</p> <p>55 Convolution, factorization</p> <p>56 Measure algebras, group algebras (See also 46.80)</p> <p>58 Ideals, spectral synthesis</p>
<p>44. INTEGRAL TRANSFORMS, OPERATIONAL CALCULUS</p> <p>10 Laplace transform</p> <p>25 Convolution</p> <p>28 General transforms</p> <p>30 Special transforms: Legendre, Hilbert, etc. (See also 45.33)</p> <p>32 Multiple transforms</p> <p>33 Transforms of special functions</p> <p>40 Operational calculus</p> <p>42 Operational calculus in several variables</p> <p>50 Fractional integrals (See also 26.43)</p> <p>60 Moment problems (See also 42.27)</p>
<p>45. INTEGRAL EQUATIONS</p> <p>10 Linear integral equations, general (See also 47.70)</p> <p>11 Fredholm equations</p> <p>12 Eigenvalue problems</p> <p>13 Volterra equations</p> <p>15 Singular equations</p> <p>20 Systems of linear equations</p> <p>30 Nonlinear integral equations (See also 47.80)</p> <p>31 Singular nonlinear equations</p> <p>33 Miscellaneous special kernels (See also 44.30)</p> <p>40 Integro-differential equations, ordinary</p> <p>45 Integro-partial differential equations</p>
<p>46. FUNCTIONAL ANALYSIS</p> <p>01 Topological linear spaces</p> <p>06 Ordered TLS; vector lattices</p> <p>10 Normed linear spaces, Banach spaces</p> <p>15 Inner product spaces, Hilbert spaces, spaces with an indefinite metric</p> <p>20 Other special spaces</p> <p>25 Spaces of continuous functions</p> | <p>30 Approximation by other special function classes</p> <p>35 Approximation by operators (in particular, by integral operators)</p> <p>40 Best approximation</p> <p>41 Degree of approximation, rate of convergence</p> <p>44 Approximate quadratures</p> <p>50 Asymptotic expansions</p> <p>55 Constructive theory of functions</p> <p>60 Abstract approximation theory; approximation in normed linear spaces and other abstract spaces</p>
<p>42. FOURIER ANALYSIS</p> <p>05 Trigonometric polynomials</p> <p>06 Best approximation by trigonometric polynomials</p> <p>08 Trigonometric interpolation</p> <p>10 Fourier coefficients</p> <p>11 Convergence of Fourier series</p> <p>12 Absolute convergence of Fourier series</p> <p>15 Orthogonal functions and polynomials, general (See also 33.40)</p> <p>16 Expansions in orthogonal functions and polynomials</p> <p>17 Completeness of sets of orthogonal functions</p> <p>18 Completeness, closure, spectral synthesis</p> <p>20 Summability of Fourier and generalized Fourier expansions</p> <p>25 Fourier transform</p> <p>26 Other Fourier-type transforms</p> <p>27 Trigonometric moment problems</p> <p>30 Almost periodic functions</p> <p>35 Positive definite functions</p> <p>40 Multiple Fourier series and integrals</p> <p>50 Abstract harmonic analysis (Fourier analysis on LCA groups) (See also 22.65)</p> <p>51 Characters, duality</p> <p>52 Fourier-Stieltjes transform</p> <p>54 Positive definite functions on LCA groups</p> <p>55 Convolution, factorization</p> <p>56 Measure algebras, group algebras (See also 46.80)</p> <p>58 Ideals, spectral synthesis</p>
<p>44. INTEGRAL TRANSFORMS, OPERATIONAL CALCULUS</p> <p>10 Laplace transform</p> <p>25 Convolution</p> <p>28 General transforms</p> <p>30 Special transforms: Legendre, Hilbert, etc. (See also 45.33)</p> <p>32 Multiple transforms</p> <p>33 Transforms of special functions</p> <p>40 Operational calculus</p> <p>42 Operational calculus in several variables</p> <p>50 Fractional integrals (See also 26.43)</p> <p>60 Moment problems (See also 42.27)</p>
<p>45. INTEGRAL EQUATIONS</p> <p>10 Linear integral equations, general (See also 47.70)</p> <p>11 Fredholm equations</p> <p>12 Eigenvalue problems</p> <p>13 Volterra equations</p> <p>15 Singular equations</p> <p>20 Systems of linear equations</p> <p>30 Nonlinear integral equations (See also 47.80)</p> <p>31 Singular nonlinear equations</p> <p>33 Miscellaneous special kernels (See also 44.30)</p> <p>40 Integro-differential equations, ordinary</p> <p>45 Integro-partial differential equations</p>
<p>46. FUNCTIONAL ANALYSIS</p> <p>01 Topological linear spaces</p> <p>06 Ordered TLS; vector lattices</p> <p>10 Normed linear spaces, Banach spaces</p> <p>15 Inner product spaces, Hilbert spaces, spaces with an indefinite metric</p> <p>20 Other special spaces</p> <p>25 Spaces of continuous functions</p> |
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SUBJECT CLASSIFICATION

- 30 Spaces of differentiable and analytic functions
 35 Spaces of measurable functions; L^p spaces, Orlicz spaces
 38 Sobolev spaces, embedding theorems, interpolation spaces
 (See also 35.21, 47.65)
 40 Distributions, generalized functions
 45 Derivatives and differentials in abstract spaces
 50 Topological algebras, normed rings and algebras, Banach algebras: general theory
 55 Commutative Banach algebras; function algebras
 60 Rings and algebras with an involution, *-algebras: general theory
 65 Rings and algebras of operators (with or without involution); C^* -algebras, von Neumann algebras
 80 Group algebras, convolution algebras (See also 22.65, 42.56)
 90 Miscellaneous applications of functional analysis
- 47. OPERATOR THEORY**
- 10 Single linear operators, general theory
 20 Operators in ordered spaces
 25 Operators in function spaces and other special spaces (See also 28.70)
 30 Spectral theory, functional calculus
 35 Reducibility, invariant subspaces
 40 Structure, classification, canonical forms
 45 Compact (completely continuous) operators
 48 Perturbation theory
 50 Semigroups and groups of operators
 55 Other systems of operators (See also 46.65)
 60 Ordinary differential operators (See also 34.30)
 65 Partial differential operators (See also 35.80)
 70 Integral and integro-differential operators
 80 Nonlinear operators, general theory
 85 Fixed-point theorems (See also 54.85)
 90 Miscellaneous applications
- 49. CALCULUS OF VARIATIONS, OPTIMAL CONTROL** (See also 93.40)
- 50. GEOMETRY** (See also 14.00)
- 05 Foundations
 10 Euclidean
 14 Constructions
 20 Affine geometry, general
 25 Transformations
 30 Projective geometry, general
 35 Transformations
 38 Second-order loci
 40 Non-Euclidean geometry (i.e. hyperbolic or elliptic)
 48 Special geometries
 60 Finite geometries (See also 05.27)
 70 Projective planes
 90 Regular figures, divisions of space (See also 52.00)
- 52. CONVEX SETS AND GEOMETRIC INEQUALITIES**
- 10 Convex polyhedra
 25 Convex curves
 30 Convex regions
 34 Helly-type theorems
 40 Extremum problems and geometric inequalities
 45 Packing and covering (See also 50.90)
 50 Distance geometries
- 53. DIFFERENTIAL GEOMETRY**
- 01 Curves and surfaces in Euclidean spaces
 04 Minimal surfaces
 10 Affine differential geometry
 20 Projective differential geometry
 23 Differential line geometry
 25 Conformal differential geometry
 30 Non-Euclidean differential geometry
 32 Other special differential geometries
- 35 Vector and tensor analysis
 38 Spinor analysis
 40 Differentiable manifolds (general theory), e.g., definitions, jets, tangent bundles (See also 57.30)
 42 Differential invariants (local theory), geometric objects
 45 Differential calculus (global theory); forms, currents, integration, tensor fields, etc. (See also 57.50)
 50 Connections, general
 52 G -structures
 55 Affine connections
 60 Projective connections
 66 Homogeneous manifolds (See also 22.70, 57.45)
 70 Local Riemannian geometry
 72 Riemannian manifolds
 73 Symmetric spaces (See also 22.70, 57.45)
 74 Submanifolds, isometric imbeddings (See also 57.20)
 75 Global surface theory (convex surfaces)
 78 Lorentz metrics and generalizations
 80 Hermitian and Kählerian structures (See also 32.00, 57.60)
 85 Finsler spaces and generalizations (areal metrics)
 90 Integral geometry
 95 Direct methods (G -spaces of Busemann), geometric orders
 99 Other generalizations
- 54. GENERAL TOPOLOGY**
- 10 Axiomatics; generalizations of topological spaces, syntopogenous spaces
 20 Topological spaces, general
 22 Convergence notions
 23 Separation axioms, T_i -spaces
 25 General constructs (products, quotients, limits, etc.)
 28 Function spaces
 30 Uniform structures, proximity spaces
 35 Metric spaces, metrizability
 38 Moore spaces
 40 Countability conditions, separability, Lindelöf spaces
 50 Paracompact spaces
 52 Compactness, local compactness, generalizations
 53 Compactifications, other extensions
 55 Connectedness, continua
 56 Ordered topological spaces (See also 06.65)
 60 Mappings
 65 Set-valued mappings
 70 Dimension theory (See also 55.38)
 75 Topology of E_2 , 2-manifolds
 78 Topology of E_n , n -manifolds ($n > 2$)
 80 Transformation groups and semigroups (See also 22.40)
 82 Topological dynamics
 85 Fixed-point theorems, coincidence theorems, etc. (See also 47.85)
- 55. ALGEBRAIC TOPOLOGY**
- 10 Graphs, map-coloring (See also 05.40)
 20 Knots, links (See also 57.20)
 25 Cell-complexes, simplicial complexes
 30 Homology and cohomology theories; K -theory
 32 Sheaves
 34 Cohomology operations, Steenrod algebra
 36 Periodic transformations, fixed points, coincidences (Smith theory)
 38 Dimension theory (See also 54.70)
 40 Homotopy theory, general
 42 Algebra of mappings (including cohomotopy groups)
 45 Computation of homotopy groups
 50 Fiber spaces (See also 57.30)
 52 Spectral sequences
 60 Manifolds (See also 53.40, 54.78, 57.01)
 66 Generalized manifolds, local homology
 68 Homotopy manifolds
 70 Imbedding, immersion (See also 57.20)

SUBJECT CLASSIFICATION

57. TOPOLOGY AND GEOMETRY OF MANIFOLDS	90 Sample surveys	80.
01 Topological manifolds, combinatorial manifolds (See also 55.60)	95 Count data, contingency tables	
05 Geometric topology	97 Biometrics	
10 Differentiable structures, cobordism	99 Other applications	
20 Differentiable mappings, imbeddings, immersions, diffeomorphisms (See also 53.74, 55.70)	65. NUMERICAL METHODS	81.
30 Fiber bundles, vector bundles (See also 53.40, 55.50)	05 Tables, construction of tables	
31 Topology of differentiable manifolds (See also 54.78)	10 General mathematical methods; iteration, acceleration of convergence, numerical experiments	
32 Characteristic classes	15 Monte Carlo methods	
34 Topology of vector and tensor fields	20 Interpolation, smoothing, least squares, curve fitting, approximation of functions	
36 Foliations (See also 34.65)	25 Computation of special functions, series, integrals	
40 Topology of Lie groups	30 Mathematical programming and optimization techniques	
45 Topology of homogeneous spaces (See also 22.70, 53.66, 53.73)	33 Linear inequalities	
47 Transformation groups (See also 22.40, 54.80)	35 Linear equations, determinants, matrices	
50 Analysis on differentiable manifolds (See also 53.72)	40 Eigenvalues, eigenvectors	
55 Infinite-dimensional manifolds	50 Solution of algebraic and transcendental equations and systems	
60 Complex manifolds (See also 32.00, 53.80)	55 Numerical differentiation and integration, quadrature, cubature, etc.	
70 Infinite Lie groups, deformations	60 Ordinary differential equations, general	
60. PROBABILITY	61 Initial value problems	
02 Axioms, foundations	62 Boundary value problems	
05 Probabilistic measure theory	65 Partial differential equations, general	
08 Probability in topological groups, other structures	66 Elliptic equations	
10 Combinatorial probability	67 Hyperbolic equations	
15 Geometric probability	68 Parabolic equations	
20 Distributions, characteristic functions	70 Difference and functional equations	82.
30 Limit theorems	75 Integral and integro-differential equations	
40 Stochastic processes, general theory	80 Error analysis	
50 Stationary processes	82 Miscellaneous inequalities	
60 Markov processes, general	85 Graphical methods	
62 Hunt processes, diffusion processes, Brownian motion, probabilistic potential theory	90 Harmonic analysis and synthesis	
65 Markov chains	68. COMPUTING MACHINES	
66 Random walks	69. GENERAL APPLIED MATHEMATICS	
67 Branching processes; Galton-Watson, birth-and-death processes	70. MECHANICS OF PARTICLES AND SYSTEMS	
69 Other special processes	34 Ordinary differential equations	
70 Renewal theory	35 Partial differential equations	
75 Stochastic differential and integral equations	45 Integral and integro-differential equations	
80 Queueing, congestion, allocation, storage	49 Calculus of variations	
90 Other applications	60 Probability	
62. STATISTICS	65 Numerical methods	
05 Foundations: axiomatics, sufficiency, invariance, other general considerations	73. ELASTICITY, PLASTICITY	
10 Distribution theory	34 Ordinary differential equations	
15 Asymptotic theory	35 Partial differential equations	
16 Exact and asymptotic efficiency	44 Integral transforms	
20 Estimation: parametric case	45 Integral and integro-differential equations	
25 Hypothesis testing: parametric case	46 Functional analysis	
30 Decision theory	49 Calculus of variations	
31 Ranking and selection	60 Probability	
35 Bayesian inference	65 Numerical methods	
40 Multivariate analysis	76. FLUID MECHANICS, ACOUSTICS	
41 Classification and discrimination	34 Ordinary differential equations	
45 Sequential methods	35 Partial differential equations	
50 Information-theoretic methods	41 Approximations and expansions	
55 Linear statistical inference, regression analysis	44 Integral transforms	
56 Analysis of variance; hierarchical models	45 Integral and integro-differential equations	
60 Design and analysis of experiments, general	46 Functional analysis	
61 Construction of designs (See also 05.20)	49 Calculus of variations	
62 Optimal designs	60 Probability	
63 Factorial designs	65 Numerical methods	
64 Paired and multiple comparisons	78. OPTICS, ELECTROMAGNETIC THEORY	
70 Non-parametric methods	31 Potential theory	
71 Goodness-of-fit tests	34 Ordinary differential equations	
75 Order statistics	35 Partial differential equations	
80 Engineering statistics; life testing and reliability, quality control	35 Partial differential equations	
85 Statistical analysis of stochastic processes; time series		

SUBJECT CLASSIFICATION

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| <p>45 Integral and integro-differential equations
65 Numerical methods</p> <p>80. CLASSICAL THERMODYNAMICS, HEAT TRANSFER
31 Potential theory
35 Partial differential equations</p> <p>81. QUANTUM MECHANICS
06 Order, lattices
22 Lie groups and algebras, representations
30 Functions of a complex variable
31 Potential theory
32 Several complex variables
34 Ordinary differential equations
35 Partial differential equations
45 Integral and integro-differential equations
46 Functional analysis; C^*-algebras
47 Operator theory
60 Probability
62 Statistics</p> <p>82. STATISTICAL PHYSICS, STRUCTURE OF MATTER
20 Group theory
45 Integral and integro-differential equations
62 Statistics</p> <p>83. RELATIVITY
35 Partial differential equations
53 Differential geometry</p> <p>85. ASTRONOMY AND ASTROPHYSICS</p> <p>86. GEOPHYSICS</p> <p>90. ECONOMICS, OPERATIONS RESEARCH, PROGRAMMING, GAMES
10 Economics
30 Operations research</p> | <p>40 Multi-stage decision processes, dynamic programming (general)
50 Linear programming
55 Integer programming
57 Stochastic programming
58 Nonlinear programming, general
59 Quadratic programming
60 Convex programming
70 Game theory
72 Stochastic games
75 Differential and continuous games (See also 93.40)</p> <p>92. BIOLOGY AND BEHAVIORAL SCIENCES
10 Biology
20 Genetics
30 Population dynamics, epidemiology
40 Sociology
50 Psychology</p> <p>93. SYSTEMS, CONTROL
10 Systems, general
20 Stability, qualitative behavior
40 Optimal control (See also 34.85, 35.15, 49.00, 90.00)
60 Stochastic control
70 Adaptive control</p> <p>94. INFORMATION AND COMMUNICATION, CIRCUITS, AUTOMATA
10 Communication theory
20 Information theory
30 Circuits, networks; applications of graph theory, Boolean algebra
40 Automata, general (See also 02.88)
45 Probabilistic automata
50 Linguistics, formal languages</p> |
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ABBREVIATIONS OF NAMES OF JOURNALS

This list gives the form of references used in MATHEMATICAL REVIEWS and the complete title; the place of publication and other pertinent information are given in parentheses when desirable for clarity.

- Abh. Akad. Wiss. Göttingen Math.-Phys. Kl.* Abhandlungen der Akademie der Wissenschaften in Göttingen. Mathematisch-Physikalische Klasse. (Göttingen)
- Abh. Braunschweig. Wiss. Gesell.* Abhandlungen der Braunschweigischen Wissenschaftlichen Gesellschaft. (Braunschweig)
- Abh. Deutsch. Akad. Wiss. Berlin Kl. Math. Phys. Tech.* Abhandlungen der Deutschen Akademie der Wissenschaften zu Berlin. Klasse für Mathematik, Physik und Technik. (Berlin)
- Abh. Math. Sem. Univ. Hamburg.* Abhandlungen aus dem Mathematischen Seminar der Universität Hamburg. (Hamburg)
- Abh. Sächs. Akad. Wiss. Leipzig Math.-Natur. Kl.* Abhandlungen der Sachsischen Akademie der Wissenschaften zu Leipzig. Mathematisch-Naturwissenschaftliche Klasse. (Leipzig)
- Abstracts Bulgarian Sci. Lit. Math. Phys. Astronom. Geophys. Geodes.* Bulgarian Academy of Sciences. Centre of Scientific Information and Documentation. Abstracts of Bulgarian Scientific Literature. Mathematics, Physics, Astronomy, Geophysics, Geodesy. (Sofia)
- Acad. R. P. Române Baza Cerc. Ști. Timișoara Stud. Cerc. Ști. Tehn.* Academia Republicii Populare Române. Baza de Cercetări Științifice Timișoara. Studii și Cercetări Științe Tehnice. (Timișoara)
- Acad. Roy. Belg. Bull. Cl. Sci.* Académie Royale de Belgique. Bulletin de la Classe des Sciences. Koninklijke Belgische Academie. Mededelingen van de Klasse der Wetenschappen. (Brussels)
- Acad. Roy. Belg. Cl. Sci. Mém. Coll. in-8°.* Académie Royale de Belgique. Classe des Sciences. Mémoires. Collection in-8°. Koninklijke Belgische Academie. Klasse der Wetenschappen. Verhandelingen. Verzameling in-8°. (Brussels)
- Acad. Serbe Sci. Arts Glas.* Académie Serbe des Sciences et des Arta. Glas. Classe des Sciences Mathématiques et Naturelles. Nouvelle Série. (Belgrade)
- Accad. Naz. Sci. Lett. Arti Modena Atti Mem.* Accademia Nazionale di Scienze Lettere e Arti. Modena. Atti e Memorie. (Modena)
- Acta Acad. Åbo. Ser. B.* Acta Academias Åboensis, Ser. B. Mathematica et Physica. Matematik-Naturvetenskaper-Teknik. (Åbo-Turku)
- Acta Acust. Sinica.* Acta Acustica Sinica. (Peking)
- Acta Arith. Polka Akademia Nauk. Instytut Matematyczny.* Acta Arithmetica. (Warsaw)
- Acta Astronom. Sinica.* Acta Astronomica Sinica. (Peking)
- Acta Ci. Compostelana.* Acta Cientifica Compostelana. (Santiago de Compostela)
- Acta Fac. Rerum Natur. Univ. Comenian.* Acta Facultatis Rerum Naturalium Universitatis Comenianae. (Bratislava) (Continued as: *Acta Fac. Rerum Natur. Univ. Comenian. Math.*)
- Acta Fac. Rerum Natur. Univ. Comenian. Math.* Acta Facultatis Rerum Naturalium Universitatis Comenianae. Mathematica. (Bratislava) (Formerly: *Acta Fac. Rerum Natur. Univ. Comenian.*)
- Acta Math.* Acta Mathematica. (Uppsala)
- Acta Math. Acad. Sci. Hungar.* Acta Mathematica Academiae Scientiarum Hungaricae. (Budapest)
- Acta Math. Sinica.* Acta Mathematica Sinica. (Peking) (Translated as: *Chinese Math.—Acta*)
- Acta Mech.* Acta Mechanica. (Vienna)
- Acta Mech. Sinica (New York).* Acta Mechanica Sinica. (New York) (Translation of *Acta Mech. Sinica (Peking)*)
- Acta Mech. Sinica (Peking).* Acta Mechanica Sinica. (Peking) (Translated as: *Acta Mech. Sinica (New York)*)
- Acta Mexicana Ci. Tecn.* Instituto Politécnico Nacional. Acta Mexicana de Ciencia y Tecnología. (Mexico City)
- Acta Philos. Fenn.* Acta Philosophica Fennica. (Helsinki)
- Acta Phys. Acad. Sci. Hungar.* Acta Physica Academiae Scientiarum Hungaricae. (Budapest)
- Acta Phys. Austriaca.* Acta Physica Austriaca. (Vienna)
- Acta Phys. Sinica.* Acta Physica Sinica. (Peking) (Translated as: *Chinese J. Phys. (Peking)*)
- Acta Polytech. Scand. Math. and Comput. Mach. Ser.* Acta Polytechnica Scandinavica. Mathematics and Computing Machinery Series. (Stockholm)
- Acta Sci. Math. (Szeged).* Acta Universitatis Szegediensis. Acta Scientiarum Mathematicarum. (Szeged)
- Acta Sci. Natur. Univ. Pekinensis.* Acta Scientiarum Naturalium Universitatis Pekinensis. (Peking)
- Acta Tech. Acad. Sci. Hungar.* Acta Technica Academiae Scientiarum Hungaricae. (Budapest)
- Acta Univ. Tamper.* Acta Universitatis Tamperensis. (Helsinki)
- Acta Univ. Wratislav.* Acta Universitatis Wratislaviensis. (Wrocław)
- Actualités Sci. Indust.* Actualités Scientifiques et Industrielles. (Paris)
- Advances in Math.* Advances in Mathematics. (New York)
- Aequationes Math.* Aequationes Mathematicae. (Basel-Waterloo)
- AIAA J.* AIAA Journal. (Easton, Pa.)
- Akad. Nauk Armjan. SSR Dokl.* Akademija Nauk Armjanskoi SSR. Doklady. (Erevan)
- Akad. Nauk Azerbaidžan. SSR Dokl.* Akademija Nauk Azerbaidžanskoi SSR. Doklady. (Baku)
- Akad. Nauk Azerbaidžan. SSR Trudy Inst. Mat. Mekh.* Akademija Nauk Azerbaidžanskoi SSR. Trudy Instituta Matematiki i Mekhaniki. (Baku)
- Akad. Nauk Gruzin. SSR Trudy Tbiliss. Mat. Inst. Razmadze.* Akademija Nauk Gruzinskoi SSR. Trudy Tbilisskogo Matematicheskogo Instituta im. A. M. Razmadze. (Tbilisi) See *Sakharov. SSR Mech. Akad. Math. Inst. Šrom.*
- Akad. Nauk Kazah. SSR Trudy Astrofiz. Inst.* Akademija Nauk Kazahskoi SSR. Trudy Astrofizicheskogo Instituta. (Alma-Ata)
- Akad. Nauk Kazah. SSR Trudy Sekt. Mat. Mekh.* Akademija Nauk Kazahskoi SSR. Trudy Sektora Matematiki i Mekhaniki. (Alma-Ata)
- Akad. Nauk SSSR Sibirsk. Otdel. Inst. Avtomat. Elektrometr. Trudy.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Avtomatiki i Elektrometrii. Trudy. (Novosibirsk)
- Akad. Nauk SSSR Trudy Jakutsk. Filial. Ser. Fiz.* Akademija Nauk SSSR. Trudy Jakutskogo Filiala. Serija fizicheskaja. (Moscow)
- Akad. Nauk Uzbek. SSR Trudy Inst. Mat.* Akademija Nauk Uzbekskoi SSR. Trudy Instituta Matematiki im. V. I. Romanovskogo. (Tashkent)

ABBREVIATIONS OF NAMES OF JOURNALS

- Akad. Wiss. Lit. Mainz Abb. Math.-Natur. Kl.* Akademie der Wissenschaften und der Literatur in Mainz. Abhandlungen der Mathematisch-Naturwissenschaftlichen Klasse. (Wiesbaden)
- Akust. Z.* Akademija Nauk SSSR. Akustičeskij Žurnal. (Moscow) (Translated as: Soviet Physics Acoust.)
- Algebra i Logika Sem.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Algebra i Logika. Seminar. (Novosibirsk) (Continued as: Algebra i Logika)
- Algebra i Logika.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Algebra i Logika. (Novosibirsk) (Formerly: Algebra i Logika Sem.)
- Algoritmy Algoritm. Jazyki.* Vyčislitel'nyi Centr Akademii Nauk SSSR. Algoritmy Algoritmickie Jazyki. (Moscow)
- Algorytmy.* Algorytmy. Prace Instytutu Masyw Matematycznych Polskiej Akademii Nauk. (Warsaw)
- Allgemein. Statist. Arch.* Allgemeines statistisches Archiv. Organ der Deutschen Statistischen Gesellschaft. (Munich)
- Amer. J. Math.* American Journal of Mathematics. (Baltimore, Md.)
- Amer. J. Phys.* American Journal of Physics. (New York)
- Amer. Math. Monthly.* The American Mathematical Monthly. (Buffalo, N.Y.)
- Amer. Math. Soc. Transl.* American Mathematical Society Translations. (Providence, R.I.)
- AMR.* Applied Mechanics Reviews. (New York)
- An. Acad. Brasil. Ci.* Anais da Academia Brasileira de Ciências. (Rio de Janeiro)
- An. Fac. Ci. Univ. Porto.* Anais da Faculdade de Ciências. Universidade do Porto. (Porto, Portugal)
- An. Inst. Mat. Univ. Nac. Autónoma México.* Anales del Instituto de Matemáticas. Universidad Nacional Autónoma de México. (Mexico City)
- An. Sti. Univ. "Al. I. Cuza" Iași Sect. I a Mat.* Analele Științifice ale Universității "Al. I. Cuza" din Iași. (Seria Nouă). Secțiunea I a Matematică. (Iași)
- An. Univ. București Ser. Acta Logica.* Analele Universității București. Seria Acta Logica. (Bucharest)
- An. Univ. București Ser. Ști. Natur. Fiz.* Analele Universității București. Seria Științele Naturii. Fizică. (Bucharest)
- An. Univ. București Ser. Ști. Natur. Mat.-Mec.* Analele Universității București. Seria Științele Naturii. Matematică-Mecanică. (Bucharest)
- An. Univ. Timișoara Ser. Ști. Mat.-Fiz.* Analele Universității din Timișoara. Seria Științe Matematice-Fizice. (Timișoara)
- An. Acad. Sci. Fenn. Ser. A I.* Suomalaisen Tiedeakatemian Toimituksia. Sarja A. Annales Academiae Scientiarum Fennicarum. Series A. I. Mathematica. (Helsinki)
- An. Acad. Sci. Fenn. Ser. A VI.* Suomalaisen Tiedeakatemian Toimituksia. Sarja A. Annales Academiae Scientiarum Fennicarum. Series A. VI. Physica. (Helsinki)
- An. Fac. Sci. Univ. Toulouse.* Annales de la Faculté des Sciences de l'Université de Toulouse pour les Sciences Mathématiques et les Sciences Physiques. (Toulouse)
- Ann. Inst. Fourier (Grenoble).* Université de Grenoble. Annales de l'Institut Fourier. (Grenoble)
- Ann. Inst. H. Poincaré Sect. A.* Annales de l'Institut Henri Poincaré. Section A: Physique théorique. (Paris)
- Ann. Inst. H. Poincaré Sect. B.* Annales de l'Institut Henri Poincaré. Section B: Calcul des probabilités et statistique. (Paris)
- Ann. Inst. Statist. Math.* Annals of the Institute of Statistical Mathematics. (Tokyo)
- Ann. Japan Assoc. Philos. Sci.* Annals of the Japan Association for Philosophy of Science. (Tokyo)
- Ann. Mat. Pura Appl.* Annali di Matematica Pura ed Applicata. (Bologna)
- Ann. Math. Statist.* The Annals of Mathematical Statistics. (Baltimore, Md.)
- Ann. of Math.* Annals of Mathematics. (Princeton, N.J.)
- Ann. Physics.* Annals of Physics. (New York)
- Ann. Physik.* Annalen der Physik. (Leipzig)
- Ann. Physique.* Annales de Physique. (Paris)
- Ann. Polon. Math.* Polska Akademia Nauk. Annales Polonici Mathematici. (Warsaw)
- Ann. Sci. École Norm. Sup.* Annales Scientifiques de l'École Normale Supérieure. (Paris)
- Ann. Scuola Norm. Sup. Pisa.* Annali della Scuola Normale Superiore de Pisa. Scienze Fisiche e Matematiche. (Pisa)
- Ann. Soc. Sci. Bruxelles Sér. I.* Annales de la Société Scientifique de Bruxelles. Série I. Sciences Mathématiques, Astronomiques et Physiques. (Brussels)
- Ann. Univ. Ferrara Sez. VII.* Annali dell'Università di Ferrara. (Nuovo Serie). Sezione VII. Scienze Matematiche. (Ferrara)
- Ann. Univ. Lyon Sect. B.* Annales de l'Université de Lyon. Section B. Sciences Physiques et Chimiques. (Lyon)
- Ann. Univ. Mariae Curie-Skłodowska Sect. A.* Annales Universitatis Mariae Curie-Skłodowska. Section A. Mathematics. (Lublin)
- Ann. Univ. Sarav. Math.-Natur. Fak.* Annales Universitatis Saraviensis. Mathematisch-Naturwissenschaftliche Fakultät. (Berlin)
- Ann. Univ. Sci. Budapest Eötvös Sect. Math.* Annales Universitatis Scientiarum Budapestinensis de Rolando Eötvös Nominatae. Sectio Mathematica. (Budapest)
- Ann. Univ. Turku. Ser. A I.* Annales Universitatis Turkuensis. Series A. I. Astronomica-Chemica-Physica-Mathematica. (Turku)
- Annuaire Univ. Sofia Fac. Math.* Godišnik na Sofijskija Universitet Matematičeski Fakultet. Annuaire de l'Université de Sofia. Faculté de Mathématiques. (Sofia)
- Annuaire Univ. Sofia Fac. Phys.* Godišnik na Sofijskija Universitet Fizičeski Fakultet. Annuaire de l'Université de Sofia. Faculté de Physique. (Sofia)
- Annual Rep. Coll. Lib. Arts Univ. Iwate.* Annual Report of the College of Liberal Arts, University of Iwate. (Kakuzanwaki)
- Appl. Mat.* Československá Akademie Věd. Aplikace Matematiky. (Prague)
- Appl. Mech. Rev.* Applied Mechanics Reviews. (New York) (Sometimes abbreviated as AMR in the text of Math. Reviews)
- Appl. Sci. Res.* Applied Scientific Research. (The Hague)
- Appl. Statist.* Applied Statistics. A Journal of the Royal Statistical Society. (London)
- Årbok Univ. Bergen Mat.-Natur. Ser.* Årbok for Universitetet i Bergen. Mat.-Naturv. Serie. (Bergen)
- Arch. Automat. i Telemech.* Instytut Automatyki Polskiej Akademii Nauk. Archivum Automatyki i Telemekaniki. (Warsaw)
- Arch. History Exact Sci.* Archive for History of Exact Sciences. (Berlin)
- Arch. Internat. Histoire Sci.* Archives Internationales d'Histoire des Sciences. (Paris)
- Arch. Math. (Basel).* Archiv der Mathematik. Archives of Mathematics. Archives Mathématiques. (Basel-Stuttgart)
- Arch. Math. (Brno).* Spisy Přírodovědecké Fakulty University J. E. Purkyně v Brně. Archivum Mathematicum. (Brno)
- Arch. Math. Logik Grundlagenforsch.* Archiv für mathematische Logik und Grundlagenforschung. (Stuttgart)
- Arch. Mech. Stos.* Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki. Archiwum Mechaniki Stosowanej. (Warsaw)

ABBREVIATIONS OF NAMES OF JOURNALS

- Arch. Rational Mech. Anal.* Archive for Rational Mechanics and Analysis. (Berlin)
- Archimede.* Archimede. Rivista per gli Insegnanti e i Cultori di Matematiche Pure e Applicate. (Florence)
- Ark. Astronom.* Arkiv för Astronomi. (Stockholm)
- Ark. Fys.* Arkiv för Fysik. (Stockholm)
- Ark. Mat.* Arkiv för Matematik. (Stockholm)
- Arkhimedes.* Arkhimedes. Suomen Fyysiskkoseura—Finlands Fysik-erförening r.y. Suomen Matemaattinen Yhdistys—Finlands Matematička Förening r.y. (Helsinki)
- Armjan. Gos. Ped. Inst. Sb. Naučn. Trud. Ser. Fiz.-Mat.* Armjanskij Gosudarstvennyj Pedagogičeskij Institut imeni H. Abovjana. Sbornik Naučnyh Trudov. Serija Fiziko-Matematičeskaja. (Erevan) (Formerly: *Erevan. Armjan. Gos. Ped. Inst. im. H. Abovjana Učen. Zap. Ser. Mat. Nauk*)
- Arquivo Inst. Gulbenkian Ci. A Estud. Mat. Fis.-Mat.* Arquivo do Instituto Gulbenkian de Ciéncia. A. Estudos Matemáticos e Físico-Matemáticos. (Lisbon)
- Assoe. Roy. Actuar. Belg. Bull.* Association Royale des Actuaires Belges. Bulletin. (Brussels)
- Astrofizika.* Akademija Nauk Arjanskof SSR. Astrofizika. (Erevan) (Translated as: *Astrophysics*)
- Astronaut. Acta.* Astronautica Acta. (Vienna)
- Astronom. J.* The Astronomical Journal. (New Haven, Conn.)
- Astronom. Jber.* Astronomischer Jahresbericht. (Berlin)
- Astronom. Nachr.* Astronomische Nachrichten. (Berlin)
- Astronomičeskij Žurnal.* Akademija Nauk SSSR. Astronomičeskij Žurnal. (Moscow) (Translated as: *Soviet Astronom. AJ*)
- Astrophys. J.* The Astrophysical Journal. (Chicago, Ill.)
- Astrophysics.* Astrophysics. (A translation of *Astrofizika* of the Academy of Sciences of the Armenian SSR). (New York) (Translation of *Astrofizika*)
- Atti Accad. Gioenia Sci. Natur. Catania.* Atti della Accademia Gioenia di Scienze Naturali in Catania. (Catania)
- Atti Accad. Ligure Sci. Lett.* Atti della Accademia Ligure di Scienze e Lettere. (Genoa)
- Atti Accad. Naz. Lincei Mem. Cl. Sci. Fis. Mat. Natur. Ser. I.* Atti della Accademia Nazionale dei Lincei. Memorie. Classe di Scienze Fisiche, Matematiche e Naturali. Sezione I*. (Matematica, Mecanica, Astronomia, Geodasie e Geofisica). (Rome)
- Atti Accad. Naz. Lincei Rend. Cl. Sci. Fis. Mat. Natur.* Atti della Accademia Nazionale dei Lincei. Rendiconti. Classe di Scienze Fisiche, Matematiche e Naturali. (Rome)
- Atti Accad. Sci. Fis. Napoli.* Atti dell'Accademia delle Scienze Fisiche e Matematiche di Napoli. (Naples)
- Atti Accad. Sci. Ist. Bologna Cl. Sci. Fis. Rend.* Atti della Accademia delle Scienze dell'Istituto di Bologna. Classe di Scienze Fisiche. Rendiconti. (Bologna)
- Atti Accad. Sci. Lett. Arti Palermo Parte I.* Atti della Accademia di Scienze Lettere e Arti di Palermo. Parte Prima: Scienze. (Palermo)
- Atti Accad. Sci. Torino Cl. Sci. Fis. Mat. Natur.* Atti della Accademia delle Scienze di Torino. Classe di Scienze Fisiche, Matematiche e Naturali. (Turin)
- Atti Fond. Giorgio Ronchi Contrib. Ist. Naz. Ottica.* Atti della Fondazione Giorgio Ronchi e Contributi dell'Istituto Nazionale di Ottica. (Firenze)
- Atti Sem. Mat. Fis. Univ. Modena.* Atti del Seminario Matematico e Fisico dell'Università di Modena. (Modena)
- Atti Soc. Peloritana Sci. Fis. Mat. Natur.* Atti della Società Peloritana di Scienze Fisiche Matematiche e Naturali. (Messina)
- Austral. Comput. J.* The Australian Computer Society. The Australian Computer Journal. (Chippendale)
- Austral. J. Phys.* Australian Journal of Physics. (Melbourne)
- Austral. J. Sci.* The Australian Journal of Science. (Sydney)
- Austral. J. Statist.* The Australian Journal of Statistics. (Sydney)
- Automat. Remote Control.* Automation and Remote Control. (A translation of *Avtomatika i Telemekhanika*, a publication of the Academy of Sciences of the USSR). (Pittsburgh, Pa.) (Translation of *Avtomat. i Telemek.*)
- Automatica. Internat. J. Automat. Control Automation.* Automatica. The International Journal on Automatic Control and Automation. (Oxford)
- Avtomat. i Výšš. Tehn.* Avtomatika i Vyššítechnika. (Riga)
- Avtomatika.* Akademija Nauk Ukrains'koj RSR. Institut Elektrotehniki. Avtomatika. (Kiev)
- Azerbaijan. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. i Him. Nauk.* Azerbaijanskij Gosudarstvennyj Universitet im. S. M. Kirova. Učenye Zapiski. Serija Fiziko-Matematičeskikh Nauk. (Baku) (Continued as: *Azerbaijan. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. Nauk*)
- Azerbaijan. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. Nauk.* Azerbaijanskij Gosudarstvennyj Universitet im. S. M. Kirova. Učenye Zapiski. Serija Fiziko-Matematičeskikh Nauk. (Baku) (Formerly: *Azerbaijan. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat. i Him. Nauk*)
- Balašov. Gos. Ped. Inst. Učen. Zap.* Balašovskij Gosudarstvennyj Pedagogičeskij Institut. Učenye Zapiski. (Balašov)
- Baškir. Gos. Univ. Učen. Zap.* Baškirskij Gosudarstvennyj Universitet. Učenye Zapiski. (Ufa)
- Bayer. Akad. Wiss. Math.-Natur. Kl. S.-B.* Bayerische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Sitzungsberichte. (Munich)
- Beijing Dazus Xuebao Ziran Kexue.* See *Acta Sci. Natur. Univ. Pekinensis.*
- Bell System Tech. J.* The Bell System Technical Journal. (New York)
- Biometries.* Biometrics. Journal of the Biometric Society. (Blacksburg, Va.)
- Biometrika.* Biometrika. (London)
- BIT = Nordisk Tidskr. Informationsbehandling (BIT).*
- Biul. Lubel. Towarz. Nauk. Wydział II Mat. Fiz. Chem.* Biuletyn Lubelskiego Towarzystwa Naukowego. Wydział II. Matematyka. Fizyka. Chemia. (Lublin)
- Bjull. Inst. Teoret. Astronom.* Akademija Nauk Sojuza Sovetskikh Socialističeskikh Respublik. Bjulleten' Instituta Teoretičeskoi Astronomii. (Moscow)
- B'lgars. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Fiz. Inst. s Aneb.* B'lgarska Akademija na Naukite. Otdelenie a Matematičeski i Fizičeski Nauki. Izvestija na Fizičeski Institut s Aneb. (Sofia)
- B'lgars. Akad. Nauk. Otd. Mat. Fiz. Nauk. Izv. Mat. Inst. B'lgarska Akademija na Naukite. Otdelenie za Matematičeski i Fizičeski Nauki. Izvestija na Matematičeski Institut. (Sofia)*
- Bol. Mat.* Boletín de Matemáticas. (Bogotá)
- Bol. Soc. Mat. Mexicana.* Boletín de la Sociedad Matemática Mexicana. (Mexico City)
- Bol. Soc. Mat. São Paulo.* Boletim da Sociedade de Matemática de São Paulo. (São Paulo)
- Bol. Univ. Paraná Inst. Fis.* Boletim da Universidade do Paraná. Conselho de Pesquisas. Instituto de Física. (Paraná)
- Boll. Un. Mat. Ital.* Bollettino della Unione Matematica Italiana. (Bologna)
- Bonn. Math. Schr.* Bonner Mathematische Schriften. (Bonn)
- British J. Hist. Sci.* British Society for the History of Science. British Journal for the History of Science. (London)
- British J. Math. Statist. Psychology.* The British Journal of Mathematical and Statistical Psychology. (London)
- British J. Philos. Sci.* The British Journal for the Philosophy of Science. (Edinburgh)

ABBREVIATIONS OF NAMES OF JOURNALS

- Buharsk. Gos. Ped. Inst. Učen. Zap. Ser. Fiz.-Mat. Nauk.* Buharskij Gosudarstvennyj Pedagogičeskij Institut. Učenye Zapiski. Serija Fiziko-Matematičeskikh Nauk. (Bukhara)
- Bul. Akad. Štiince RSS Moldoven.* Akademija Nauk Moldavskoj SSR. Izvestija Akademii Nauk Moldavskoj SSR. Buletinul Academiei de Štiințe a RSS Moldovenești. (Kishinev)
- Bul. Inst. Politehn. Brașov Ser. A Mec.* Buletinul Institutului Politehnic din Brașov. Seria A. Mecanică. (Brașov)
- Bul. Inst. Politehn. București.* Buletinul Institutului Politehnic București. (Bucharest)
- Bul. Inst. Politehn. Iași.* Buletinul Institutului Politehnic din Iași. Serie Nouă. (Iași)
- Bul. Ști. Inst. Politehn. Cluj.* Buletinul řtiințific al Institutului Politehnic din Cluj. (Cluj)
- Bul. Ști. Tehn. Inst. Politehn. Timișoara.* Buletinul řtiințific și Tehnic al Institutului Politehnic Timișoara. Serie Nouă. (Timișoara)
- Bull. Acad. Polon. Sci. Sér. Sci. Math. Astronom. Phys.* Bulletin de l'Académie Polonoise des Sciences. Série des Sciences Mathématiques, Astronomiques et Physiques. (Warsaw)
- Bull. Acad. Polon. Sci. Sér. Sci. Tech.* Bulletin de l'Académie Polonoise des Sciences. Série des Sciences Techniques. (Warsaw) (Formerly: *Bull. Acad. Polon. Sci. Sér. Sci. Tech. Méc. Appl.* and *Bull. Acad. Polon. Sci. Sér. Sci. Tech. Méc. Théor.*)
- Bull. Acad. Polon. Sci. Str. Sci. Tech. Méc. Appl.* Bulletin de l'Académie Polonoise des Sciences. Série des Sciences Techniques Mécaniques Appliquées. (Warsaw) (Continued as: *Bull. Acad. Polon. Sci. Sér. Sci. Tech.*)
- Bull. Acad. Polon. Sci. Sér. Sci. Tech. Méc. Théor.* Bulletin de l'Académie Polonoise des Sciences. Série des Sciences Techniques Mécaniques Théoriques. (Warsaw) (Continued as: *Bull. Acad. Polon. Sci. Sér. Sci. Tech.*)
- Bull. Acad. Serbe Sci. Arts Cl. Sci. Math. Natur. Sci. Math.* Bulletin de l'Académie Serbe des Sciences et des Arts. Classe des Sciences Mathématiques et Naturelles. Sciences Mathématiques. (Belgrade)
- Bull. Amer. Math. Soc.* Bulletin of the American Mathematical Society. (Providence, R.I.)
- Bull. Calcutta Math. Soc.* Bulletin of the Calcutta Mathematical Society. (Calcutta)
- Bull. College Sci. (Baghdad).* Bulletin of the College of Science. (Baghdad)
- Bull. Earthquake Res. Inst. Univ. Tokyo.* Bulletin of the Earthquake Research Institute, University of Tokyo. (Tokyo)
- Bull. Fac. Ed. Univ. Kagoshima.* Bulletin of the Faculty of Education, University of Kagoshima. (Kagoshima)
- Bull. Fukuoka Univ. Ed. III.* Bulletin of Fukuoka University of Education. Part III. Natural Sciences. (Fukuoka)
- Bull. Géodésique.* Bulletin Géodésique. (Paris)
- Bull. Inst. Internat. Statist.* Bulletin de l'Institut International de Statistique. (The Hague)
- Bull. Inst. Statist. Res. Training.* Institute of Statistical Research and Training. University of Dacca. The Bulletin of the Institute of Statistical Research and Training. (Dacca)
- Bull. Kyoto Univ. Education Ser. B.* Bulletin of the Kyoto University of Education. Series B. Mathematics and Natural Science. (Kyoto)
- Bull. Kyushu Inst. Tech. Math. Natur. Sci.* Bulletin of the Kyushu Institute of Technology. Mathematics, Natural Science. (Tobata)
- Bull. London Math. Soc.* The Bulletin of the London Mathematical Society. (London)
- Bull. Math. Biophys.* The Bulletin of Mathematical Biophysics. (Ann Arbor, Mich.)
- Bull. Math. Soc. Sci. Math. R. S. Roumanie.* Bulletin Mathématique de la Société des Sciences Mathématiques de la République Socialiste de Roumanie. (Bucharest)
- Bull. Math. Statist.* Bulletin of Mathematical Statistics. (Fukuoka)
- Bull. Nara Univ. Ed. Natur. Sci. Ser. B.* Bulletin of Nara University of Education. Natural Science. Series B. (Nara)
- Bull. Sci. Conseil Acad. RSF Yougoslav. Sect. A.* Bulletin Scientifique. Conseil des Académies de la RSF de Yougoslavie. Section A. (Zagreb)
- Bull. Sci. Engrg. Res. Lab. Waseda Univ.* Bulletin of Science and Engineering Research Laboratory. Waseda University. (Tokyo)
- Bull. Sci. Math.* Bulletin des Sciences Mathématiques. (Paris)
- Bull. Signal. 1 Math. Pures Appl.* Ministère de l'Éducation Nationale. Centre National de la Recherche Scientifique. Bulletin Signalétique. I. Mathématiques Pures et Appliquées. (Paris)
- Bull. Soc. Math. Belg.* Bulletin de la Société Mathématique de Belgique. (Brussels)
- Bull. Soc. Math. France.* Bulletin de la Société Mathématique de France. (Paris)
- Bull. Soc. Math. Grèce.* Bulletin de la Société Mathématique de Grèce. (Athens)
- Bull. Soc. Math. Macédoine.* Bulletin de la Société des Mathématiciens et des Physiciens de la République Populaire de Macédoine. Biltén na Državno na Matematičarite i Fizičarite od Socialistička Republika Makedonija. (Skopje)
- Bull. Soc. Roy. Sci. Liège.* Bulletin de la Société Royale des Sciences de Liège. (Liège)
- Bull. Soc. Sci. Lettres Lódz.* Bulletin de la Société des Sciences et des Lettres de Lódz. (Lódz)
- Bull. Tokyo Gakugei Univ.* Bulletin of Tokyo Gakugei University. (Tokyo)
- Bull. Univ. Osaka Prefecture Ser. A.* Bulletin of University of Osaka Prefecture. Series A. Engineering and Natural Sciences. (Osaka)
- Bull. Yamagata Univ. (Nat. Sci.).* Bulletin of the Yamagata University. (Natural Science). (Yamagata)
- C. R. Acad. Bulgare Sci.* Doklady Bolgarskoj Akademii Nauk. Comptes Rendus de l'Académie Bulgare des Sciences. (Sofia)
- C. R. Acad. Sci. Paris Sér. A-B.* Comptes Rendus Hebdomadaires des Séances de l'Académie des Sciences. Séries A et B. (Paris)
- Cahiers Centre Études Recherche Opér.* Cahiers du Centre d'Études de Recherche Opérationnelle. (Brussels)
- Cahiers Rhône.* Cahiers Rhônaliens. (Lyon)
- Cahiers Topologie Géom. Différentielle.* Cahiers de Topologie et Géométrie Différentielle. (Paris)
- Calcolo.* Calcolo. (Rome)
- Calcutta Statist. Assoc. Bull.* Calcutta Statistical Association Bulletin. (Calcutta)
- Canad. J. Math.* Canadian Journal of Mathematics. Journal Canadien de Mathématiques. (Toronto, Ont.)
- Canad. J. Phys.* Canadian Journal of Physics. (Ottawa, Ont.)
- Canad. Math. Bull.* Canadian Mathematical Bulletin. Bulletin Canadien de Mathématiques. (Toronto, Ont.)
- Casopis Pěst. Mat.* Československá Akademie Věd. Časopis pro Pěstování Matematiky. (Prague)
- Čeljabinsk. Gos. Ped. Inst. Trudy.* Čeljabinskij Gosudarstvennyj Pedagogičeskij Institut. Trudy. (Čeljabinsk)
- Centaurus.* Centaurus. (Copenhagen)
- Chinese J. Phys. (Peking).* Chinese Journal of Physics (Peking). (A translation of Acta Physica Sinica of the Chinese Academy of Sciences, Peking) (New York) (Translation of *Acta Phys. Sinica*)
- Chinese Math.—Acta.* Chinese Mathematics. Translation of *Acta Mathematica Sinica*. (Providence, R.I.) (Translation of *Acta Math. Sinica*)
- Cho-són In-min Kong-hwa-kuk Kwa-hak-wón T'ong-p'o.* (Academy of Science of the People's Republic of Korea. Bulletin) Cho-són Minju-ju-ü In-min Kong-hwa-kuk Kwa-hak-wón. T'ong-p'o. (Pyongyang) (Formerly: *Cho-són Kwan-hak-wón T'ong-bo*)

ABBREVIATIONS OF NAMES OF JOURNALS

- Cho-són Kwa-hak-wón T'ong-bo.* (Academy of Science of the People's Democratic Republic of Korea. Bulletin) Cho-són Min-ju-ju-ü In-min Kong-hwa-kuk Kwa-hak-wón. T'ong-bo. (Pyongyang) (Continued as: *Cho-són In-min Kong-hwa-kuk Kwa-hak-wón T'ong-bo*)
- Collect. Math.* Consejo Superior de Investigaciones Científicas. Universidad de Barcelona. Collectanea Mathematica. (Barcelona)
- Colloq. Math.* Colloquium Mathematicum. (Warsaw)
- Comm. ACM.* Communications of the Association for Computing Machinery. (New York)
- Comm. Dublin Inst. Adv. Studies Ser. A.* Communications of the Dublin Institute for Advanced Studies. Series A. (Dublin)
- Comm. Fac. Sci. Univ. Ankara Sér. A.* Communications de la Faculté des Sciences de l'Université d'Ankara. Série A. Mathématiques-Physique-Astronomie. (Ankara)
- Comm. Math. Phys.* Communications in Mathematical Physics. (New York)
- Comm. Pure Appl. Math.* Communications on Pure and Applied Mathematics. (New York)
- Comment. Math. Helv.* Commentarii Mathematici Helvetici. (Zürich)
- Comment. Math. Univ. Carolinae.* Commentationes Mathematicae Universitatis Carolinae. (Prague)
- Comment. Math. Univ. St. Paul.* Commentarii Mathematici Universitatis Sancti Pauli. Rikkyō Daigaku Sūgaku Zasshi. (Tokyo)
- Compositio Math.* Compositio Mathematica. (Groningen)
- Comput. J.* The Computer Journal. (London)
- Comput. Rev.* Computing Reviews. (New York) (Usually abbreviated CR in the text of Math. Reviews)
- Comput. Surveys.* Computing Surveys. ACM. (New York)
- Computing (Arch. Elektron. Rechnen).* Computing. Archiv für elektronisches Rechnen. Archives for Electronic Computing. (Vienna)
- Confer. Sem. Mat. Univ. Bari.* Conferenze del Seminario di Matematica dell'Università di Bari. (Bari)
- Contents Contemporary Math. J.* Contents of Contemporary Mathematical Journals. (Providence, R.I.)
- CORS J.* CORS J. The Canadian Operational Research Society Journal. (Toronto, Ont.)
- CR.* Computing Reviews. (New York)
- Čuvaj. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosvjetenija RSFSR. Čuvajskij Gosudarstvennyj Pedagogičeskij Institut im. I. Ja. Jakovleva. Učenye Zapiski. (Cheboksary)
- Cybernetics.* Cybernetics. (New York) (A translation of *Kibernetika* (Kiev))
- Czasopis. Techn.* Politechnika Krakowska i Krakowskie Zjednoczenie Budownictwa. Czasopismo Techniczne. (Kraków)
- Czechoslovak J. Phys. Sect. B.* Českoslovackaja Akademija Nauk. Českoslovackij Fizickij Žurnal. Czechoslovak Academy of Sciences. Czechoslovak Journal of Physics. Section B. (Prague)
- Czechoslovak Math. J.* Českoslovackaja Akademija Nauk. Českoslovackij Matematičeskij Žurnal. Czechoslovak Mathematical Journal. (Prague)
- Dal'něvostoč. Gos. Univ. Učen. Zap.* Dal'něvostočnyj Gosudarstvennyj Universitet. Učenye Zapiski (Serija fiziko-matematičeskikh Nauk). (Vladivostok)
- Danske Vid. Selsk. Mat.-Fys. Medd.* Det Kongelige Danske Videnskabernes Selskab Matematisk-fysiske Meddelelser. (Copenhagen)
- Demonstratio Math.* Demonstratio Mathematica. (Warsaw)
- Defence Sci. J.* Defence Science Journal. (Delhi)
- Deutsch. Akad. Naturforsch. Nova Acta Leopoldina N.F.* Abhandlungen der Deutschen Akademie der Naturforscher Leopoldina. Nova Acta Leopoldina. (Leipzig)
- Diferencial'nye Uravnenija.* Diferencial'nye Uravnenija. (Minsk) (Translated as: Differential Equations)
- Differential Equations.* Differential Equations. (New York) (Translation of *Diferencial'nye Uravnenija*)
- Diskret. Analiz.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Diskretnyj Analiz. Sbornik Trudov. (Novosibirsk)
- Dissertationes Math.* Rozprawy Mat. Polskiej Akademii Nauk. Instytut Matematyczny. Dissertationes Mathematicae. Rozprawy Matematyczne. (Warsaw)
- Dokl. Akad. Nauk BSSR.* Doklady Akademii Nauk BSSR. (Minsk)
- Dokl. Akad. Nauk SSSR.* Doklady Akademii Nauk SSSR. (Moscow) (Mathematics section translated as: Soviet Math. Dokl.; Physics section translated as: Soviet Physics Dokl.)
- Dokl. Akad. Nauk Tadžik. SSR.* Doklady Akademii Nauk Tadžikskoj SSR. (Dushanbe)
- Dopovidí Akad. Nauk Ukrainsk. RSR Ser. A.* Dopovidí Akademii Nauk Ukrains'koj RSR. Serija A. (Kiev)
- Dopovidí Akad. Nauk Ukrainsk. RSR Ser. B.* Dopovidí Akademii Nauk Ukrains'koj RSR. Serija B. (Kiev)
- Duke Math. J.* Duke Mathematical Journal. (Durham, N.C.)
- Dušanbin. Gos. Ped. Inst. Učen. Zap.* Dušanbinskij Gosudarstvennyj Pedagogičeskij Institut im. T. G. Ševčenko. Učenye Zapiski. (Dushanbe)
- Econometrica.* Econometrica. Journal of the Econometric Society. (Chicago, Ill.)
- EEA.* Science Abstracts. Electrical & Electronics Abstracts. (London)
- Eesti NSV Tead. Akad. Füüs. Astronoom. Inst. Uurim.* Eesti NSV Teaduste Akadeemia Füüsika ja Astronomia Instituti Uurimused. (Trudy Instituta Fiziki i Astronomii Akademii Nauk Estonijskoi SSR). Publikacii Tartuskoi Astronomijskoj Observatorii. (Tartu)
- Eesti NSV Tead. Akad. Tartu Astronoom. Observ. Publ.* Eesti NSV Teaduste Akadeemia Tartu Astronomia Observatoriorumi Publikatsioonid. (Tartu)
- Eesti NSV Tead. Akad. Toimetised Füüs.-Mat.* Eesti NSV Teaduste Akadeemia Toimetised. Füüsika-Matematika. Izvestija Akademii Nauk Estonijskoi SSR. Serija Fizika-Matematika. (Tallin)
- Èkonom. i Mat. Metody.* Èkonomika i Matematičeskie Metody. (Moscow)
- Ekonom.-Mat. Obzor.* Československá Akademie Věd. Ekonomicko-Matematičký Obzor. (Prague)
- Electrical & Electronics Abstracts.* Science Abstracts. Electrical & Electronics Abstracts. (London) (Usually abbreviated EEA in the text of Math. Reviews)
- Elektron. Informationsverarbeit. Kybernetik.* Sektion für Kybernetik beim Präsidium der Deutschen Akademie der Wissenschaften zu Berlin und der Mathematischen Gesellschaft der Deutschen Demokratischen Republik. Elektronische Informationsverarbeitung und Kybernetik. (Berlin)
- Elem. Math.* Elemente der Mathematik. Revue de Mathématiques Élémentaires. Rivista di Matematica Elementare. (Basel)
- Engrg. Cybernetics.* Engineering Cybernetics. English Edition of Tehničeskaja Kibernetika. (New York) (Translation of *Izv. Akad. Nauk SSSR Tehn. Kibernet.*)
- Enseignement Math.* L'Enseignement Mathématique. (Geneva)
- Erevan. Armjan. Gos. Ped. Inst. im. H. Aboviana Učen. Zap. Ser. Mat. Nauk.* Erevanskij Armjanskij Gosudarstvennyj Pedagogičeskij Institut im. H. Aboviana. Učenye Zapiski. Serija Matematičeskikh Nauk. (Erevan) (Continued as: *Armjan. Gos. Ped. Inst. Sb. Naučn. Trud. Ser. Fiz.-Mat.*)
- Estadist. Espanola.* Estadística Española. (Madrid)
- Estadística.* Estadística. (Washington, D.C.)
- Euclides (Groningen).* Euclides. Tijdschrift voor de Didactiek der Exacte Vakken. (Groningen)
- Fac. Ingen. Agrimens. Montevideo Publ. Didact. Inst. Mat. Estadist.* Facultad de Ingeniería y Agrimensura. Montevideo. Publicaciones Didácticas del Instituto de Matemáticas y Estadística. (Montevideo)
- Fac. Sci. Univ. Skopje Annuaire.* Faculté des Sciences de l'Université de Skopje. Annuaire. (Skopje)

ABBREVIATIONS OF NAMES OF JOURNALS

- Fergan. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Vyšego i Srednego Special'nogo Obrazovaniya Uzbeckskoj SSR. Ferganskij Gosudarstvennyj Pedagogičeskiy Institut imeni Ulugbeka. Učenye Zapiski. Serija Matematicheskaja. (Fergana)
- Fibonacci Quart.* The Fibonacci Quarterly. Official Organ of the Fibonacci Association. A journal devoted to the study of integers with special properties. (St. Mary's College, Calif.)
- Fiz.-Mat. Spis. B'lgars.* Akad. Nauk. B'lgarska Akademija na Naukite. Fizicheski Institut. Matematicheski Institut. Fiziko-Matematichesko Spisanie. (Sofia)
- FOA Rep.* FOA Reports. Försvarsets Forskninganstalt (Research Institute of National Defence). (Stockholm)
- Formosan Sci.* Formosan Science. (Taipei)
- Fortschr. Physik.* Fortschritte der Physik. (Berlin)
- Found. Language.* International Journal of Language and Philosophy. Foundations of Language. (Dordrecht)
- Functional Anal. Appl.* Functional Analysis and its Applications. (A translation of *Funkcional. Anal. i Prilozhen.*) (New York)
- Fund. Math.* Polska Akademia Nauk. Fundamenta Mathematicae. (Warsaw)
- Funktional. Ekvac.* Fako de l'Funktialaj Ekvacioj Japana Matematika Societo. Funktialaj Ekvacioj. (Serio Internacia). (Kobe)
- Funktional. Anal. i Prilozhen.* Akademija Nauk SSSR. Funktional'nyj Analiz i ego Prilozhenija. (Moscow) (Translated as: *Functional Anal. Appl.*)
- Fyz. Časopis Slovensk. Akad. Vied.* Fyzikálny Časopis Slovenskej Akadémie Vied. (Bratislava)
- Gac. Mat. (Madrid).* Gaceta Matemática. (Madrid)
- Ganita.* Ganita (Mathematics). Bharat Ganita Parishad (Banaras Mathematical Society). (Lucknow)
- Gaz. Mat. (Lisbon).* Gazeta de Matemática. (Lisbon)
- Gaz. Mat. Ser. A.* Societatea de Științe Matematice din R. P. R. Gazeta Matematică. Publicație Pentru Studiul și Răspândirea Științelor Matematice. Seria A. (Bucharest)
- Geodæt. Inst. Medd.* Geodætisk Institut. Meddelelse. (Copenhagen)
- Gidroaeromech. i Teor. Uprugosti.* Gidroaeromehanika i Teorija Uprugosti. (Kharkov)
- Giorn. Ist. Ital. Attuari.* Giornale dell'Istituto Italiano degli Attuari. (Rome)
- Giorn. Mat. Battaglini.* Giornale di Matematiche di Battaglini. (Naples)
- Glasgow Math. J.* Glasgow Mathematical Journal. (Glasgow)
- Glasnik Mat. Ser. III.* Društvo Matematičara i Fizičara S. R. Hrvatsko. Glasnik Matematički. Serija III. (Zagreb)
- Godišnik Vis. Tehn. Učebn. Zaved. Fiz.* Godišnik na Visšite Tehničeski Učebni Zavedenija. Fizika. (Sofia)
- Godišnik Vis. Tehn. Učebn. Zaved. Mat.* Godišnik na Visšite Tehničeski Učebni Zavedenija. Matematika. (Sofia)
- Godišnik Vis. Tehn. Učebn. Zaved. Prirodn. Mekh.* Godišnik na Visšite Tehničeski Učebni Zavedenija. Prirodnja Mekanika. (Sofia)
- Gor'kov. Gos. Univ. Učen. Zap.* Gor'kovskij Gosudarstvennyj Universitet. Učenye Zapiski. (Gorki)
- Gruzin. Politehn. Inst. Trudy.* Gruzinskij Politehnicheskij Institut im. V. I. Lenina. Trudy. (Tbilisi) See *V. I. Lenin. Sakharov. Politekh. Inst. Šrom.*
- Helv. Phys. Acta.* Helvetica Physica Acta. Societatis Physicae Helveticae Commentaria Publica. (Basel)
- Hist. of Sci.* History of Science. An Annual Review of Literature, Research, and Teaching. (Cambridge, England)
- Hitotsubashi J. Arts Sci.* Hitotsubashi Journal of Arts & Sciences, Hitotsubashi University. (Tokyo)
- IBM J. Res. Develop.* IBM Journal of Research and Development. (New York)
- IBM Systems J.* International Business Machines Corporation. IBM Systems Journal. (Armonk, N.Y.)
- Icarus.* Icarus. International Journal of the Solar System. (New York)
- ICC Bull.* International Computation Centre Bulletin. Centre International de Calcul. (Rome)
- IEEE Spectrum.* IEEE Spectrum. (New York)
- IEEE Trans. Automatic Control.* IEEE Transactions on Automatic Control. (New York)
- IEEE Trans. Computers.* IEEE Transactions on Computers. (New York) (Formerly: *IEEE Trans. Electronic Computers*)
- IEEE Trans. Electronic Computers.* IEEE Transactions on Electronic Computers. (New York) (Continued as: *IEEE Trans. Computers*)
- IEEE Trans. Information Theory.* IEEE Transactions on Information Theory. (New York)
- Illinois J. Math.* Illinois Journal of Mathematics. (Urbana, Ill.)
- Indag. Math.* Indagationes Mathematicae. See *Nederl. Akad. Wetensch. Indag. Math.*
- Indian J. History Sci.* Indian Journal of History of Science. National Institute of Sciences of India. (New Delhi)
- Indian J. Math.* Indian Journal of Mathematics. (Allahabad)
- Indian J. Mech. Math.* Indian Journal of Mechanics and Mathematics. (Calcutta)
- Information and Control.* Information and Control. (New York)
- Information Processing in Japan.* Information Processing in Japan. (Tokyo)
- Information Sci.* Information Sciences. An International Journal. (New York)
- Inst. Gulbenkian Ci. Centro Cálculo. Ci. Estud. Program. Andl. Numér.* Fundação Calouste Gulbenkian. Instituto Gulbenkian de Ciência. Centro de Cálculo Científico. Estudos de Programação e Análise Numérica. (Lisbon)
- Inst. Hautes Études Sci. Publ. Math.* Institut des Hautes Études Scientifiques. Publications Mathématiques. (Paris)
- Internat. J. Comput. Math.* International Journal of Computer Mathematics. (New York)
- Internat. J. Control.* International Journal of Control. (London)
- Internat. J. Engrg. Sci.* International Journal of Engineering Science. (Oxford-New York)
- Internat. J. Non-Linear Mech.* International Journal of Non-Linear Mechanics. (New York)
- Invent. Math.* Inventiones Mathematicae. (Berlin)
- Intž.-stroitel. Inst. Kulibyev. Sb. Trudov.* Moskovskij Ordena Trudovo-grogo Krasnogo Znameni Intženerno-Stroitel'nyj Institut im. V. V. Kulibyjeva. Sbornik Trudov. (Moscow)
- Isis.* Isis. An International Review Devoted to the History of Science and Civilization. (Cambridge, Mass.)
- Israel J. Math.* Israel Journal of Mathematics. (Jerusalem)
- Int. Lombardo Accad. Sci. Lett. Rend. A.* Istituto Lombardo. Accademia di Scienze e Lettere. Rendiconti. Scienze Matematiche, Fisiche, Chimiche e Geologiche. A. (Milan)
- Int. Veneto Sci. Lett. Arti Atti Cl. Sci. Mat. Natur.* Istituto Veneto di Scienze, Lettere ed Arti. Venezia. Atti. Classe de Scienze Matematiche e Naturali. (Venice)
- Istanbul Tek. Ünis.* Bül. İstanbul Teknik Üniversitesi Bülteni. Bulletin of the Technical University of Istanbul. (Istanbul)
- Istanbul Univ. Fen Fak. Mec. Ser. A.* İstanbul Üniversitesi Fen Fakültesi Mecmuası. A Serisi: Sırfi ve Tatbiiki Matematik. Revue de la Faculté des Sciences de l'Université d'Istanbul. Série A: Mathématiques Pures et Appliquées. (Istanbul)
- Istor.-Mat. Issled.* Istoriko-Matematičeskie Issledovaniya. (Moscow-Leningrad)

ABBREVIATIONS OF NAMES OF JOURNALS

- Izv. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosvetjenija RSFSR. Ivanovskij Gosudarstvennyj Pedagogicheskij Institut im. D. A. Furmanova. Ivanovskoe Matematicheskoe Obshchestvo. Uchenye Zapiski. (Ivanovo)
- Izv. Acad. Sci. USSR Atmospher. Ocean. Phys.* Izvestiya Academy of Sciences USSR. Atmospheric and Oceanic Physics. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana*)
- Izv. Acad. Sci. USSR Phys. Solid Earth.* Izvestiya Academy of Sciences USSR. Physics of the Solid Earth. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Zemli*)
- Izv. Akad. Nauk Armjan. SSR Ser. Mat.* Izvestija Akademii Nauk Armejskoj SSR. Serija Matematika. (Erevan)
- Izv. Akad. Nauk Armjan. SSR Ser. Meh.* Izvestija Akademii Nauk Armejskoj SSR. Serija Mehanika. (Erevan)
- Izv. Akad. Nauk Azerbaidzhan. SSR Ser. Fiz.-Tehn. Mat. Nauk.* Izvestija Akademii Nauk Azerbaidzhaneskoi SSR. Serija Fiziko-Tekhnicheskikh i Matematicheskikh Nauk. (Baku)
- Izv. Akad. Nauk Kazah. SSR Ser. Fiz.-Mat.* Izvestija Akademii Nauk Kazahskoj SSR. Serija Fiziko-Matematicheskaja. (Alma-Ata) (Formerly: *Izv. Akad. Nauk Kazah. SSR Ser. Fiz.-Mat. Nauk*)
- Izv. Akad. Nauk Kazah. SSR Ser. Fiz.-Mat. Nauk.* Izvestija Akademii Nauk Kazahskoj SSR. Serija Fiziko-Matematicheskaja Nauk. (Alma-Ata) (Continued as: *Izv. Akad. Nauk Kazah. SSR Ser. Fiz.-Mat.*)
- Izv. Akad. Nauk Kirgiz. SSR.* Izvestija Akademii Nauk Kirgizskoj SSR. (Frunze)
- Izv. Akad. Nauk Moldav. SSR = Bul. Akad. Štiincs RSS Moldoven.*
- Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana.* Izvestija Akademii Nauk SSSR. Serija Fizika Atmosfery i Okeana. (Moscow) (Translated as: *Izv. Acad. Sci. USSR Atmospher. Ocean. Phys.*)
- Izv. Akad. Nauk SSSR Ser. Fiz. Zemli.* Izvestija Akademii Nauk SSSR Serija Fizika Zemli. (Moscow) (Translated as: *Izv. Acad. Sci. USSR Phys. Solid Earth*)
- Izv. Akad. Nauk SSSR Ser. Mat.* Izvestija Akademii Nauk SSSR. Serija Matematicheskaja. (Moscow) (Translated as: *Math. USSR-Izv.*)
- Izv. Akad. Nauk SSSR Ser. Meh. Židk. Gazu.* Akademija Nauk SSSR. Izvestija Akademii Nauk SSSR. Serija Mehanika Židkosti i Gazu. (Moscow)
- Izv. Akad. Nauk SSSR Tehn. Kibernet.* Izvestija Akademii Nauk SSSR. Tekhnicheskaja Kibernetika. (Moscow) (Translated as: *Engrg. Cybernetics*)
- Izv. Akad. Nauk Tadžik. SSR Otdel. Fiz.-Mat. i Geolog.-Him. Nauk.* Izvestija Akademii Nauk Tadžikskoj SSR. Otdelenie Fiziko-Matematicheskikh i Geologo-Himicheskikh Nauk. (Dushanbe) (Formerly: *Izv. Akad. Nauk Tadžik. SSR Otdel. Fiz.-Tehn. i. Him. Nauk*)
- Izv. Akad. Nauk Tadžik. SSR Otdel. Fiz.-Tehn. i. Him. Nauk.* Izvestija Akademii Nauk Tadžikskoj SSR. Otdelenie Fiziko-Tekhnicheskikh i Himicheskikh Nauk. (Dushanbe) (Continued as: *Izv. Akad. Nauk Tadžik. SSR Otdel. Fiz.-Mat. i Geolog.-Him. Nauk*)
- Izv. Akad. Nauk Turkmen. SSR Ser. Fiz.-Tehn. Him. Geol. Nauk.* Izvestija Akademii Nauk Turkmeneskoj SSR. Serija Fiziko-Tekhnicheskikh, Himicheskikh i Geologicheskikh Nauk. (Aškhabad)
- Izv. Akad. Nauk UzSSR Ser. Fiz.-Mat. Nauk.* Izvestija Akademii Nauk UzSSR. Serija Fiziko-Matematicheskikh Nauk. UzSSR Fanlar Akademijasining Ahboroti. Fizika-Matematika Fanlari Serijasi. (Tashkent)
- Izv. Kazan. Fil. Akad. Nauk SSSR Ser. Fiz.-Mat. i Tehn. Nauk.* Izvestija Kazanskogo Filiala Akademii Nauk SSSR. Serija Fiziko-Matematicheskikh i Tekhnicheskikh Nauk. (Kazan)
- Izv. Krymsk. Ped. Inst. Izvestija Krymskogo Pedagogicheskogo Instituta im. M. V. Frunze.* (Simferopol)
- Izv. Sibirsk. Otd. Akad. Nauk SSSR.* Izvestija Sibirskogo Otdelenija Akademii Nauk SSSR. (Novosibirsk)
- Izv. Vuzev = Izv. Vysš. Učebn. Zaved. Matematika.*
- Izv. Vysš. Učebn. Zaved. Aviacion. Tehn.* Ministerstvo Vyslego i Srednjego Special'nogo Obrazovanija SSSR. Izvestija Vysih Učebnyh Zavedenij. Aviacionnaja Tekhnika. (Kazan)
- Izv. Vysš. Učebn. Zaved. Fizika.* Ministerstvo Vyslego i Srednjego Special'nogo Obrazovanija SSSR. Izvestija Vysih Učebnyh Zavedenij Fizika. (Tomsk) (Translated as: *Soviet Physics J.*)
- Izv. Vysš. Učebn. Zaved. Matematika.* Ministerstvo Vyslego Obrazovanija SSSR. Izvestija Vysih Učebnyh Zavedenij. Matematika. (Kazan)
- Izv. Vysš. Učebn. Zaved. Radiofizika.* Ministerstvo Vyslego i Srednjego Special'nogo Obrazovanija SSSR. Izvestija Vysih Učebnyh Zavedenij. Radiofizika. (Gorki) (Translated as: *Soviet Radiophysics*)
- J. Algebra.* Journal of Algebra. (New York)
- J. Amer. Statist. Assoc.* Journal of the American Statistical Association. (Washington, D.C.)
- J. Analyse Math.* Journal d'Analyse Mathématique. (Jerusalem)
- J. Annamalai Univ. Part B Sci.* Journal of the Annamalai University. Part B. Sciences. (Annamalainagar)
- J. Appl. Math. Mech.* Journal of Applied Mathematics and Mechanics. (Translation of the Soviet journal *Prikladnaja Matematika i Mehanika*). (New York) (Translation of *Prikl. Mat. Mekh.*)
- J. Appl. Mech. Tech. Phys.* Journal of Applied Mechanics and Technical Physics. (Translation of *Z. Prikl. Mekh. i Tekhn. Fiz.*) (New York)
- J. Appl. Probability.* Journal of Applied Probability. (East Lansing, Mich.)
- J. Approximation Theory.* Journal of Approximation Theory. (New York)
- J. Assoc. Comput. Mach.* Journal of the Association for Computing Machinery. (New York)
- J. Astronaut. Sci.* American Astronautical Society. Journal of the Astronautical Sciences. (Baltimore, Md.)
- J. Atmospheric Sci.* Journal of the Atmospheric Sciences. (Boston, Mass.)
- J. Austral. Math. Soc.* The Journal of the Australian Mathematical Society. (Sydney)
- J. Birla Inst. Tech. and Sci. (Pilani).* Journal of the Birla Institute of Technology and Science. (Pilani)
- J. China Univ. Sci. Techn.* Journal of the China University of Science and Technology. Zhongguo Kexue Jishu Daxue Xuebao. (Peking)
- J. Collage Arts Sci. Chiba Univ.* Journal of the College of Arts and Sciences, Chiba University. (Chiba)
- J. Combinatorial Theory.* Journal of Combinatorial Theory. (New York)
- J. Comput. System Sci.* Journal of Computer and System Sciences. (New York)
- J. Computational Phys.* Journal of Computational Physics. (New York)
- J. Cuneiform Studies.* Journal of Cuneiform Studies. (New Haven, Conn.)
- J. Differential Equations.* Journal of Differential Equations. (New York)
- J. Differential Geometry.* Journal of Differential Geometry. (Bethlehem, Pa.)
- J. Engrg. Math.* Journal of Engineering Mathematics. (Groningen)
- J. Fac. Engrg. Chiba Univ.* Journal of the Faculty of Engineering, Chiba University. (Chiba)
- J. Fac. Engrg. Univ. Tokyo Ser. B.* Journal of the Faculty of Engineering, University of Tokyo. Series B. (Tokyo)
- J. Fac. Sci. Hokkaido Univ. Ser. I.* Journal of the Faculty of Science, Hokkaido University. Series I. Mathematics. (Sapporo)
- J. Fac. Sci. Shinshu Univ.* Journal of the Faculty of Science, Shinshu University. (Matsumoto)
- J. Fac. Sci. Univ. Tokyo Sect. I.* Journal of the Faculty of Science, University of Tokyo. Section I. Mathematics, Astronomy, Physics, Chemistry. (Tokyo)
- J. Fluid Mech.* Journal of Fluid Mechanics. (London)
- J. Franklin Inst.* Journal of the Franklin Institute. (Philadelphia, Pa.)

ABBREVIATIONS OF NAMES OF JOURNALS

- J. Functional Analysis.* Journal of Functional Analysis. (New York)
- J. Gakugei Tokushima Univ.* Journal of Gakugei. Tokushima University. (Tokushima) (Continued as: *J. Math. Tokushima Univ.*)
- J. Indian Math. Soc.* The Journal of the Indian Mathematical Society. (Madras)
- J. Indian Statist. Assoc.* Journal of the Indian Statistical Association. (Bombay)
- J. Inst. Math. Appl.* Journal of the Institute of Mathematics and its Applications. (New York)
- J. Karnataka Univ. Sci.* Journal of the Karnataka University. Science. (Dharwar)
- J. London Math. Soc.* The Journal of the London Mathematical Society. (London)
- J. Madras Univ. B.* Journal of the Madras University. B. Contributions in Mathematics, Physical and Biological Sciences. (Madras)
- J. Math. Anal. Appl.* Journal of Mathematical Analysis and Applications. (New York)
- J. Math. and Phys.* Journal of Mathematics and Physics. (Cambridge, Mass.) (Continued as: *Studies in Appl. Math.*)
- J. Math. (Jabalpur).* Journal of Mathematics. (Jabalpur)
- J. Math. Kyoto Univ.* Journal of Mathematics of Kyoto University. (Kyoto)
- J. Math. Mech.* Journal of Mathematics and Mechanics. (Bloomington, Ind.)
- J. Math. Pures Appl.* Journal de Mathématiques Pures et Appliquées. (Paris)
- J. Math. Sci.* Journal of Mathematical Sciences. The Society of Mathematical Sciences. (Delhi)
- J. Math. Soc. Japan.* Journal of the Mathematical Society of Japan. (Tokyo)
- J. Math. Tokushima Univ.* Journal of Mathematics. Tokushima University. (Tokushima) (Formerly: *J. Gakugei Tokushima Univ.*)
- J. Mathematical and Physical Sci.* Journal of Mathematical and Physical Sciences. (Madras)
- J. Mathematical Phys.* Journal of Mathematical Physics. (New York)
- J. Mathematical Psychology.* Journal of Mathematical Psychology. (New York)
- J. Mécanique.* Journal de Mécanique. (Paris)
- J. Mech. Phys. Solids.* Journal of the Mechanics and Physics of Solids. (London)
- J. Nanyang Univ.* Journal of Nanyang University. (Singapore)
- J. Natur. Sci. and Math.* The Journal of Natural Sciences and Mathematics. (Lahore)
- J. Number Theory.* Journal of Number Theory. (New York)
- J. Operations Res. Soc. Japan.* Journal of the Operations Research Society of Japan. (Tokyo)
- J. Opt. Soc. Amer.* Journal of the Optical Society of America. (New York)
- J. Optimization Theory Appl.* Journal of Optimization Theory and Applications. (New York)
- J. Phys. Soc. Japan.* Journal of the Physical Society of Japan. (Tokyo)
- J. Reine Angew. Math.* Journal für die reine und angewandte Mathematik. (Berlin)
- J. Res. Natl. Bur. Standards Sect. B.* Journal of Research of the National Bureau of Standards. Section B. Mathematics and Mathematical Physics. (Washington, D.C.)
- J. Roy. Statist. Soc. Ser. A.* Journal of the Royal Statistical Society. Series A (General). (London)
- J. Roy. Statist. Soc. Ser. B.* Journal of the Royal Statistical Society. Series B (Methodological). (London)
- J. Sci. Engng. Res.* Journal of Science and Engineering Research. (Kharagpur)
- J. Sci. Hiroshima Univ. Ser. A-I Math.* Journal of Science of the Hiroshima University. Series A-I (Mathematics). (Hiroshima)
- J. Sci. Res. Banaras Hindu Univ.* The Journal of Scientific Research of the Banaras Hindu University. (Banaras)
- J. Symbolic Logic.* The Journal of Symbolic Logic. (Providence, R.I.)
- J. Tsing Hua Univ.* Journal of Tsing Hua University. (Peking)
- J. Univ. Bombay.* Journal of the University of Bombay. (Bombay)
- Jadernaja Fiz.* Akademija Nauk SSSR. Jadernaja Fizika. (Moscow) (Translated as: *Soviet J. Nuclear Phys.*)
- Janus.* Janus. Revue Internationale de l'Histoire des Sciences, de la Médecine, de la Pharmacie et de la Technique. (Leiden)
- Japan. J. Math.* Science Council of Japan. Japanese Journal of Mathematics. (Tokyo)
- Jaroslav. Gos. Ped. Inst. Dokl. Naučn. Konfer.* Jaroslavskij Gosudarstvennyj Pedagogičeskij Institut. Doklady na Naučnyj Konferencijah. (Jaroslavl)
- Jber. Deutsch. Math.-Verein.* Jahresbericht der Deutschen Mathematiker-Vereinigung. (Stuttgart)
- Kabardino-Balkarsk. Gos. Univ. Učen. Zap.* Kabardino-Balkarskij Gosudarstvennyj Universitet. Učenyi Zapiski. (Formerly: *Kabardino-Balkarsk. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat.*)
- Kabardino-Balkarsk. Gos. Univ. Učen. Zap. Ser. Fiz.-Mat.* Kabardino-Balkarskij Gosudarstvennyj Universitet. Učenyi Zapiski. (Nalchik) (Continued as: *Kabardino-Balkarsk. Gos. Univ. Učen. Zap.*)
- Kalinin. Gos. Ped. Inst. Učen. Zap.* Kalininskij Gosudarstvennyj Pedagogičeskij Institut im. M. I. Kalinina. Učenyi Zapiski. (Kalinin)
- Kaliningrad. Gos. Ped. Inst. Učen. Zap.* Kaliningradskij Gosudarstvennyj Pedagogičeskij Institut. Učenyi Zapiski. (Kaliningrad)
- Karachi Math. Assoc. Riazi (Souvenir).* Riazi. Souvenir of the Karachi Mathematics Association. (Karachi)
- Kazah. Gos. Ped. Inst. Učen. Zap.* Kazahskij Gosudarstvennyj Pedagogičeskij Institut im. Abaja. Učenyi Zapiski. (Alma-Ata)
- Kazan. Gos. Univ. Učen. Zap.* Kazanskij Ordena Trudovogo Krasnogo Znameni Gosudarstvennyj Universitet im. V. I. Ul'janova-Lenina. Učenyi Zapiski. (Kazan)
- Keisei-Kagaku.* Keisei-Kagaku (Management Science). Japanese Operations Research Association. (Tokyo)
- Kemerov. Gos. Ped. Inst. Učen. Zap.* Kemerovskij Gosudarstvennyj Pedagogičeskij Institut. Učenyi Zapiski. (Kemerovo)
- Kexue Tongbao.* Chinese Academy of Science. Kexue Tongbao (Science Bulletin). (Peking)
- Kexue Tongbao (Foreign Lang. Ed.).* Academia Sinica. Kexue Tongbao (Science Bulletin) (Foreign Language Edition). (Peking)
- Kibernetika (Kiev).* Otdelenie Matematiki, Mehaniki i Kibernetiki Akademii Nauk Ukrainskoj SSR. Kibernetika. (Kiev) (Translated as: *Cybernetics*)
- Kirov. Gos. Ped. Inst. Učen. Zap.* Kirovskij Gosudarstvennyj Pedagogičeskij Institut imeni V. I. Lenina. Učenyi Zapiski. (Yoshkar-Ola)
- Kišinev. Gos. Univ. Učen. Zap.* Ministerstvo Narodnogo Obrazovaniya Moldavskoj SSR. Kišinevskij Gosudarstvennyj Universitet. Učenyi Zapiski. (Kišinev)
- Knížnice Odborn. Věd. Společ. Vysokého Učení Technického v Brně.* Knížnice Odborných a Vědeckých Společ. Vysokého Učení Technického v Brně. Vysoké Učení Technické v Brně. (Brno)
- Kōdai Math. Sem. Rep.* Kōdai Mathematical Seminar Reports. (Tokyo)
- Kolomen. Ped. Inst. Učen. Zap.* Ministerstvo Prosvětlenja RSFSR. Kolomeneskij Pedagogičeskij Institut. Učenyi Zapiski. (Kolomna)
- Kostrom. Gos. Ped. Inst. Učen. Zap.* Kostromskoj Gosudarstvennyj Pedagogičeskij Institut Imeni N. A. Nekrasova. Učenyi Zapiski. (Jaroslavl)
- Krasnodar. Gos. Ped. Inst. Naučn. Trudy.* Krasnodarskij Gosudarstvennyj Pedagogičeskij Institut. Naučnye Trudy. (Krasnodar)

ABBREVIATIONS OF NAMES OF JOURNALS

- Kulibylev. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosvetlenija RSFSR. Kulibylevskij Gosudarstvennyj Pedagogičeskij Institut imeni V. V. Kulibyleva. Učenye Zapiski. (Kuibyshev)
- Kumamoto J. Sci. Ser. A.* Kumamoto Journal of Science. Series A (Mathematics, Physics and Chemistry). (Kumamoto)
- Kungl. Tekn. Högsk. Handl. Stockholm.* Kungl. Tekniska Högakolans Handlingar. Transactions of the Royal Institute of Technology, Stockholm, Sweden. (Stockholm)
- Kybernetika (Prague).* Kybernetika. (Prague)
- Kyungpook Math. J.* Kyungpook National University. Kyungpook Mathematical Journal. (Taegu)
- Labdev J. Sci. Tech.* Labdev. Journal of Science and Technology. (Kanpur)
- Latvijas PSR Zinātņu Akad. Vēstis.* Latvijas PSR Zinātņu Akadēmijas Vēstis. Izvestija Akademii Nauk Latvijskoj SSR. (Riga)
- Latvijas PSR Zinātņu Akad. Vēstis Fiz. Tehn. Zinātņu Sēr.* Latvijas PSR Zinātņu Akadēmijas Vēstis. Fizikas un Tehnisko Zinātņu Sērija. Izvestija Akademii Nauk Latvijskoj SSR. Serija Fizīeskih i Tehnīeskih Nauk. (Riga)
- Latvijas Valsts Univ. Zinātn. Raksti.* PSRS Augstākās Izglītības Ministrija. Pētera Stučka Latvijas Valsts Universitāte. Zinātnieki Raksti. Ministerstvo Vyšego Obrazovanija. Latvijskij Gosudarstvennyj Universitet im. Petra Stučki. Učenye Zapiski. (Riga)
- Leninabad. Gos. Ped. Inst. Učen. Zap.* Leninabadskij Gosudarstvennyj Pedagogičeskij Institut. Učenye Zapiski. (Dushanbe)
- Leningrad. Gos. Ped. Inst. Učen. Zap.* Leningradskij Gosudarstvennyj Pedagogičeskij Institut im. A. I. Gorenina. Učenye Zapiski. (Leningrad)
- Leningrad. Gos. Univ. Učen. Zap. Ser. Mat. Nauk.* Leningradskij Gosudarstvennyj Ordona Lenina Universitet imeni A. A. Ždanova. Učenye Zapiski. Serija Matematičeskikh Nauk. (Leningrad)
- Leningrad. Inf.-Ekonom. Inst. Trudy.* Leningradskij Inženerno-Ekonomičeskij Institut imeni Pal'miro Tol'jatti. Trudy. (Leningrad)
- Leningrad. Meh. Inst. Sb. Naučn. Trudov.* Leningradskij Mehaničeskij Institut. Sbornik Naučnyh Trudov (LMI). (Leningrad)
- Leningrad. Politehn. Inst. Trudy.* Ministerstvo Vyšego i Srednego Special'nogo Obrazovanija RSFSR. Leningradskij Politehničeskij Institut im. M. I. Kalinina. Trudy LPI. (Leningrad)
- Lett. Nuovo Cimento.* Lettere al Nuovo Cimento. Rivista Internazionale della Società Italiana di Fisica. (Bologna)
- Linear Algebra and Appl.* Linear Algebra and its Applications. (New York)
- Litovsk. Fiz. Sb.* Litovos TSR Moksly Akademija. Litovos TSR Aukštiosios Mokyklos. Litovos Fizikos Rinkinys. Akademija Nauk Litovskoj SSR. Vyšie Školy Litovskoj SSR. Litovskij Fizīeskih Sbornik. (Vilnius)
- Litovsk. Mat. Sb.* Litovos TSR Moksly Akademija. Litovos TSR Aukštiosios Mokyklos. Litovos Matematikos Rinkinys. Akademija Nauk Litovskoj SSR. Vyšie Učebnye Zavedenija Litovskoj SSR. Litovskij Matematičeskij Sbornik. (Vilnius)
- Logique et Analyse.* Logique et Analyse. (Louvain)
- L'vov. Politehn. Inst. Naučn. Zap. Ser. Fiz.-Mat.* MVO USSR. L'vovskij Politehničeskij Institut. Naučnye Zapiski. Serija Fiziko-Matematičeskaja. (Lvov)
- Magnetohydrodynamics.* Magnetohydrodynamics. (A translation of *Magnitnaya Gidrodinamika* of the Academy of Sciences of the Latvian SSR). (New York) (Translation of *Magnit. Gidrodinamika*)
- Magnit. Gidrodinamika.* Akademija Nauk Latvijskoj SSR. Magnitnaja Gidrodinamika. (Riga) (Translated as: *Magnetohydrodynamics*)
- Magyar Tud. Akad. Mat. Fiz. Oszt. Közl.* A Magyar Tudományos Akadémia Matematikai és Fizikai Tudományok Osztályának Közleményei. (Budapest)
- Management Sci.* Management Science. Journal of the Institute of Management Science. (Philadelphia, Pa.)
- Manuscripta Math.* Manuscripta Mathematica. (Berlin)
- Mari. Gos. Ped. Inst. Učen. Zap.* Marijskij Gosudarstvennyj Pedagogičeskij Institut. Učenye Zapiski. (Ioshkar-Ola)
- Mat. Časopis Slovensk. Akad. Vied.* Matematický Časopis Slovenskej Akadémie Vied. (Bratislava)
- Mat.-Fys. Medd. Dansks Vid. Selsk.* Matematiskfysiske Meddelelser udgivet af Det Kongelige Danske Videnskabernes Selskab. (Copenhagen)
- Mat.-Fys. Skr. Dansk. Vid. Selsk.* Matematiskfysiske Skrifter udgivet af Det Kongelige Danske Videnskabernes Selskab. (Copenhagen)
- Mat. Issled.* Akademija Nauk Moldavskoj SSR. Institut Matematiki i Vyčislitel'nym Centrom. Matematičeskie Issledovaniya. (Kishinev)
- Mat. Lapok.* Matematikai Lapok. Bolyai János Matematikai Társulat. (Budapest)
- Mat. Sb.* Matematičeskij Sbornik. Novaja Serija. (Moscow) (Translated as: *Math. USSR-Sb.*)
- Mat. Vesnik.* Društvo Matematičara, Fizičara i Astronoma SRS i Matematički Institut-Belgrad. Matematički Vesnik. Nova Serija. (Belgrade)
- Mat. Zametki.* Akademija Nauk Sojuza SSR. Matematičeskie Zametki. (Moscow) (Translated as: *Math. Notes*)
- Matematiche (Catania).* Le Matematiche. (Catania)
- Math. Algorithms.* Massachusetts Institute of Technology. Mathematical Algorithms. (Cambridge, Mass.)
- Math. Ann.* Mathematische Annalen. (Berlin-Göttingen-Heidelberg)
- Math. Biosci.* Mathematical Biosciences: An International Journal. (New York)
- Math. Centrum Amsterdam Afd. Toegepaste Wisk.* Mathematisch Centrum Amsterdam. Afdeling Toegepaste Wiskunde. (Amsterdam)
- Math. Centrum Amsterdam Afd. Zuivere Wisk.* Mathematisch Centrum Amsterdam. Afdeling Zuivere Wiskunde. (Amsterdam)
- Math. Centrum Amsterdam Rekenafdeling.* Mathematisch Centrum Amsterdam. Rekenafdeling. (Amsterdam)
- Math. Comp.* Mathematics of Computation. (Washington, D.C.)
- Math. Gaz.* The Mathematical Gazette. (London)
- Math. J. Okayama Univ.* Mathematical Journal of Okayama University. (Okayama)
- Math. Japon.* Mathematica Japonicae. (Kobe)
- Math. Mag.* Mathematics Magazine. (Buffalo, N.Y.)
- Math. Nachr.* Mathematische Nachrichten. (Berlin)
- Math. Notae.* Mathematicae Notae. Boletin del Instituto de Matemática. (Rosario)
- Math. Notes.* Mathematical Notes of the Academy of Sciences of the USSR. (New York) (Translation of *Mat. Zametki*)
- Math.-Phys. Semesterber.* Mathematisch-Physikalische Semesterberichte. (Göttingen)
- Math. Reviews.* Mathematical Reviews. (Providence, R.I.) (Usually abbreviated as *MR* in the text of *Math. Reviews*)
- Math. Scand.* Mathematica Scandinavica. (Copenhagen)
- Math. Sci. Humaines.* Centre de Mathématique Sociale et de Statistique EPHE. Mathématiques et Sciences Humaines. (Paris)
- Math. Spectr.* Mathematical Spectrum. (Oxford)
- Math. Student.* The Mathematics Student. (Madras)
- Math. Systems Theory.* Mathematical Systems Theory. (New York)
- Math. und Wirtschaft.* Mathematik und Wirtschaft. (Berlin)
- Math. USSR-Izv.* Mathematics of the USSR-Izvestija. (Providence, R.I.) (Translation of *Izv. Akad. Nauk SSSR Ser. Mat.*)
- Math. USSR-Sb.* Mathematics of the USSR-Sbornik. (Providence, R.I.) (Translation of *Mat. Sb.*)
- Math. Z.* Mathematische Zeitschrift. (Berlin-Göttingen-Heidelberg)

ABBREVIATIONS OF NAMES OF JOURNALS

- Mathematica (Cluj).* Societatea de Științe Matematice și Fizice din R.P.R. Filiala Cluj. *Mathematica.* (Cluj)
- Mathematika.* Mathematica. A Journal of Pure and Applied Mathematics. (London)
- Matrix Tensor Quart.* The Tensor Club of Great Britain. The Matrix and Tensor Quarterly. (London)
- Mech. Teori. Stos.* Polskie Towarzystwo Mechaniki Teoretycznej i Stosowanej. Mechanika Teoretyczna i Stosowana. (Warsaw)
- Med. Konink. Vlaams Acad. Wetensch. Lett. Schone Kunst. België Kl. Wetensch.* Mededelingen van de Koninklijke Vlaamse Academie voor Wetenschappen, Letteren en Schone Kunsten van België. Klasse der Wetenschappen. (Brussels)
- Medd. Lunds Univ. Mat. Sem.* Meddelanden från Lunds Universitets Matematiska Seminarium. Communications du Séminaire Mathématique de l'Université de Lund. (Lund)
- Melekess. Gos. Ped. Inst. Učen. Zap.* Melekesskij Gosudarstvennyj Pedagogičeskij Institut. Učenye Zapiski. (Melekess)
- Mem. Amer. Math. Soc.* Memoirs of the American Mathematical Society. (Providence, R.I.)
- Mem. Defense Acad.* Memoirs of the Defense Academy (Mathematics, Physics, Chemistry and Engineering) (Yokosuka)
- Mem. Fac. Ci. Univ. Havana Ser. Mat.* Memorias de la Facultad de Ciencias. Universidad de la Habana. Serie Matemática. (Havana)
- Mem. Fac. Engrg. Hiroshima Univ.* Memoirs of the Faculty of Engineering. Hiroshima University. (Hiroshima)
- Mem. Fac. Engrg. Kyoto Univ.* Memoirs of the Faculty of Engineering. Kyoto University. (Kyoto)
- Mem. Fac. Engrg. Miyazaki Univ.* Memoirs of the Faculty of Engineering. Miyazaki University. (Miyazaki)
- Mem. Fac. Lit. Sci. Shimane Univ. Natur. Sci.* Memoirs of the Faculty of Literature and Science Shimane University Natural Sciences. (Matsue)
- Mem. Fac. Sci. Kyushu Univ. Ser. A.* Memoirs of the Faculty of Science. Kyushu University. Series A. Mathematics. (Fukuoka)
- Mem. Kitami Inst. Tech.* Memoirs of the Kitami Institute of Technology. (Kitami)
- Mem. Mat. Inst. "Jorge Juan".* Consejo Superior de Investigaciones Científicas. Memorias de Matemática del Instituto "Jorge Juan". (Madrid)
- Mem. Muroran Inst. Tech.* Memoirs of the Muroran Institute of Technology. (Muroran)
- Mem. Osaka Gakugei Univ. B Natur. Sci.* Memoirs of Osaka Gakugei University B. Natural Sciences. (Osaka) (Continued as: *Mem. Osaka Kyoiku Univ. III Natur. Sci. Appl. Sci.*)
- Mem. Osaka Kyoiku Univ. III Natur. Sci. Appl. Sci.* Memoirs of Osaka Kyoiku University. III. Natural Science and Applied Science. (Osaka) (Formerly: *Mem. Osaka Gakugei Univ. B Natur. Sci.*)
- Mem. Real Acad. Ci. Art. Barcelona.* Memorias de la Real Academia de Ciencias y Artes de Barcelona. (Barcelona)
- Mem. Real Acad. Ci. Exact. Fis. Natur. Madrid.* Memorias de la Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid. Serie de Ciencias Exactas. (Madrid)
- Mem. School Sci. Engrg. Waseda Univ. Tokyo.* Memoirs of the School of Science and Engineering. Waseda University, Tokyo. (Tokyo)
- Mem. Soc. Astronom. Ital.* Memorie della Società Astronomico Italiana. (Milan)
- Mém. Soc. Roy. Sci. Liège Coll. in-8°.* Mémoires de la Société Royale des Sciences de Liège. Collection in-8°. (Liège)
- Mémor. Sci. Math.* Mémorial des Sciences Mathématiques. (Paris)
- Mémor. Sci. Phys.* Mémorial des Sciences Physiques. (Paris)
- Metody Vyčisl.* Leningradskij Ordena Lenina Gosudarstvennyj Universitet imeni A. A. Ždanova. Kafedra Vyčislitel'noj Matematiki i Vyčislitel'nij Centr. Metody Vyčislenij. (Leningrad)
- Metrika.* Metrika. (Würzburg)
- Metrocon.* Metroeconomica. Rivista Internazionale di Economia. (Bologna)
- Metron.* Metron. (Rome)
- Michigan Math. J.* The Michigan Mathematical Journal. (Ann Arbor, Mich.)
- Mind.* Mind. A Quarterly Review of Psychology and Philosophy. (Oxford, England)
- Mitt. Inst. Angew. Math. Zürich.* Mitteilungen aus dem Institut für angewandte Mathematik an der Eidgenössischen Technischen Hochschule in Zürich. (Zürich)
- Mitt. Math. Gesellsch. Hamburg.* Mitteilungen der mathematischen Gesellschaft in Hamburg. (Hamburg)
- Mitt. Math. Sem. Giessen.* Mitteilungen aus dem Mathematischen Seminar Giessen. (Giessen)
- Mitt. Verein. Schweiz. Versich.-Math.* Mitteilungen der Vereinigung Schweizerischer Versicherungsmathematiker. Bulletin de l'Association des Actuaires Suisses. (Bern)
- Molecular Phys.* Molecular Physics. (London)
- Monatsb. Deutsch. Akad. Wiss. Berlin.* Monatsberichte der Deutschen Akademie der Wissenschaften zu Berlin. (Berlin)
- Monatsh. Math.* Monatshofte für Mathematik. (Vienna)
- Moscow Univ. Bull. Ser. III Phys. Astronom.* Moscow University. Moscow University Bulletin. Series III. Physics and Astronomy. (Acton, Mass.) (Translation of *Vestnik Moskov. Univ. Ser. III Fiz. Astronom.*)
- Moskov. Gos. Ped. Inst. Učen. Zap.* Moskovskij Gosudarstvennyj Pedagogičeskij Institut im. V. I. Lenina. Učenye Zapiski. (Moscow)
- Moskov. Gos. Univ. Soobšč. Gos. Astronom. Inst. Sternberg.* Moskovskij Gosudarstvennyj Universitet im. M. V. Lomonosova. Soobščenija Gosudarstvennogo Astronomičeskogo Instituta im. P. K. Sternberga. (Moscow)
- Moskov. Gos. Univ. Trudy Gos. Astronom. Inst. Sternberg.* Moskovskij Gosudarstvennyj Universitet im. M. V. Lomonosova. Trudy Gosudarstvennogo Astronomičeskogo Instituta im. P. K. Sternberga. (Moscow)
- Moskov. Gos. Univ. Voprosy Meh.* Moskovskij Gosudarstvennyj Universitet. Voprosy Mechaniki. (Moscow)
- Moskov. Inst. Inf. Železnodrož. Transporta Trudy.* Moskovskij Institut Inženerov Železnodroznoj Transporta. Trudy. (Moscow)
- Moskov. Oblast. Ped. Inst. Učen. Zap.* Moskovskij Oblastnoj Pedagogičeskij Institut. Učenye Zapiski. (Moscow)
- MR.* Mathematical Reviews. (Providence, R.I.)
- Nachr. Akad. Wiss. Göttingen Math.-Phys. Kl. II.* Nachrichten der Akademie der Wissenschaften in Göttingen. II. Mathematisch-Physikalische Klasse. (Göttingen)
- Nagoya Math. J.* Nagoya Mathematical Journal. (Nagoya)
- Nanta Math.* Nanyang University. Nanta Mathematica. (Singapore)
- Nat. Bur. Standards Appl. Math. Ser.* National Bureau of Standards. Applied Mathematics Series. (Washington, D.C.)
- Natur. Sci. Rep. Ochanomizu Univ.* Natural Science Report of the Ochanomizu University. (Tokyo)
- Naval Res. Logist. Quart.* Naval Research Logistics Quarterly. (Washington, D.C.)
- Nederl. Akad. Wetensch. Indag. Math.* Koninklijke Nederlandse Akademie van Wetenschappen. Indagationes Mathematicae ex Actis Quibus Titulus. Proceedings of the Section of Sciences. (Amsterdam) (Same as: *Nederl. Akad. Wetensch. Proc. Ser. A*)
- Nederl. Akad. Wetensch. Proc. Ser. A.* Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings. Series A. Mathematical Sciences. (Amsterdam) (Same as: *Nederl. Akad. Wetensch. Indag. Math.*)
- Nederl. Akad. Wetensch. Proc. Ser. B.* Koninklijke Nederlandse Akademie van Wetenschappen. Proceedings. Series B. Physical Sciences. (Amsterdam)

ABBREVIATIONS OF NAMES OF JOURNALS

- Nederl. Akad. Wetensch. Verslag Afd. Natuurk.* Koninklijke Nederlandse Akademie van Wetenschappen. Verslag van de Gewone Vergadering van de Afdeling Natuurkunde. (Amsterdam)
- Nieuw Arch. Wisk.* Nieuw Archief voor Wiskunde. (Groningen)
- Nigerian J. Sci.* University of Ibadan. Nigerian Journal of Science. (Ibadan)
- Nordisk Mat. Tidskr.* Nordisk Matematisk Tidskrift. (Oslo)
- Nordisk Tidskr. Informationsbehandling (BIT).* Nordisk Tidskrift for Informationsbehandling. (Copenhagen)
- Norske Vid. Selsk. Forh. (Trondheim).* Det Kongelige Norske Videnskabers Selskabs Forhandlinger. (Trondheim)
- Norske Vid. Selsk. Skr. (Trondheim).* Det Kongelige Norske Videnskabers Selskabs Skrifter. (Trondheim)
- Notas Mat.* Notas de Matemática. (Rio de Janeiro)
- Notices Amer. Math. Soc.* Notices of the American Mathematical Society. (Providence, R.I.)
- Notre Dame J. Formal Logic.* Notre Dame Journal of Formal Logic. (Notre Dame, Ind.)
- Novgorod. Gos. Ped. Inst. Učen. Zap.* Novgorodskii Golovnoi Gosudarstvennyi Pedagogičeskii Institut. Učenye Zapiski. (Novgorod)
- NTM Schr. Geschichte Naturwiss. Tech. Medizin.* NTM Schriftenreihe für Geschichte der Naturwissenschaften Technik und Medizin. (Leipzig)
- Numer. Math.* Numerische Mathematik. (Berlin-Göttingen-Heidelberg)
- Nuovo Cimento A.* Il Nuovo Cimento A. (Bologna)
- Nuovo Cimento B.* Il Nuovo Cimento B. (Bologna)
- Nuovo Cimento Suppl.* Supplemento al Nuovo Cimento. (Bologna)
- Obsornik Mat. Fiz.* Društvo Matematikov, Fizikov in Astronomov SRS. Obsornik za Matematiko in Fiziko. (Ljubljana)
- Odessa. Gos. Univ. Naučn. Ezegodnik.* Ministerstvo Vysšego i Srednego Special'nogo Obrazovanija USSR. Odesskiy Gosudarstvennyi Universitet. Naučnyi Ezegodnik. (Odessa)
- Operations Res.* Operations Research. The Journal of the Operations Research Society of America. (Baltimore, Md.) (Sometimes abbreviated as OR in Math. Reviews)
- Optica Acta.* Optica Acta. (London)
- Optimal. Planirovanie.* Optimal'noe Planirovanie. Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. (Novosibirsk)
- Orehovo-Zuev. Ped. Inst. Učen. Zap. Kaf. Mat.* Ministerstvo Prosvetlenija RSFSR. Orehovo-Zuevskiy Pedagogičeskii Institut. Učenye Zapiski Kafedry Matematiki. (Moscow)
- Orenburg. Gos. Ped. Inst. Učen. Zap.* Orenburgskii Gosudarstvennyi Pedagogičeskii Institut im. V. P. Čkalova. Učenye Zapiski. (Cholyabinsk)
- Orlov. Gos. Ped. Inst. Učen. Zap.* Orlovskii Gosudarstvennyi Pedagogičeskii Institut. Učenye Zapiski. (Orel)
- Osaka J. Math.* Osaka Journal of Mathematics. (Osaka)
- Österreich. Akad. Wiss. Math.-Natur. Kl. S.-B. II.* Österreichische Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. Sitzungsberichte. Abteilung II. Mathematik, Astronomie, Physik, Meteorologie und Technik. (Vienna)
- PA.* Science Abstracts. Physics Abstracts. (London)
- Pacific J. Math.* Pacific Journal of Mathematics. (Berkeley, Calif.)
- Panjab Univ. J. Math. (Lahore).* Panjab University Journal of Mathematics. (Lahore)
- Papers and Proc. Roy. Soc. Tasmania.* Papers and Proceedings of the Royal Society of Tasmania. (Hobart)
- Penz. Politehn. Inst. Učen. Zap. Mat. Msh.* Penzenskiy Politehnicheskii Institut. Matematika i Mechanika. Učenye Zapiski. (Penza)
- Period. Mat.* Periodico di Matematiche. (Bologna)
- Perm. Gos. Univ. Učen. Zap.* Permskiy Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Učenye Zapiski. (Perm)
- Perm. Politehn. Inst. Sb. Naučn. Trudov.* Permskiy Politehnicheskii Institut. Sbornik Naučnyh Trudov. (Perm)
- Philos. Sci.* Philosophy of Science. (Baltimore, Md.)
- Philos. Trans. Roy. Soc. London Ser. A.* Philosophical Transactions of the Royal Society of London. Series A. Mathematical and Physical Sciences. (London)
- Phys. Fluids.* The Physics of Fluids. (New York)
- Phys. Norveg.* Physica Norvegica. (Oslo)
- Phys. Rev.* The Physical Review. (New York)
- Physics.* Physics. Physique. Fizika. (Long Island, N.Y.)
- Physics Abstracts.* Science Abstracts. Physica Abstracta. (London) (Usually abbreviated PA in the text of Math. Reviews)
- Physis.* Physis. Rivista Internazionale di Storia della Scienza. (Florence)
- Pi Mu Epsilon J.* Pi Mu Epsilon Journal. (Norman, Okla.)
- Pokroky Mat. Fyz. Astronom.* Jednota Československých Matematiků a Fyziků. Pokroky Matematiky, Fyziky a Astronomie. (Prague)
- Polska Biblio. Analit. Mech.* Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki. Polska Bibliografia Analytical. Mechanika. Polish Scientific Abstracts. Mechanics. (Warsaw)
- Portugal. Math.* Portugaliae Mathematica. (Lisbon)
- Portugal. Phys.* Portugaliae Physica. (Lisbon)
- Prace Inst. Maszyn Przepływowych.* Prace Instytutu Maszyn Przepływowych. Transactions of the Institute of Fluid-Flow Machinery. (Warsaw)
- Prace Mat.* Roczniki Polskiego Towarzystwa Matematycznego. Seria I. Prace Matematyczne. (Warsaw)
- Prakt. Akad. Athénén.* Πρακτικά της Ἀκαδημίας Ἀθηνών. (Athens)
- Pražs. Mat.* Praxis der Mathematik. (Vienna)
- Priblif. Metod. Rešen. Diferencial'.* Uravnen. Priblennye Metody Rešenija Diferencijal'nyh Uravnenij. (Kiev)
- Prikl. Mat. Meh.* Akademija Nauk SSSR. Otdelenie Tekhnicheskikh Nauk. Institut Mehaniki. Prikladnaja Matematika i Mehanika. (Moscow) (Translated as: J. Appl. Math. Mech.)
- Prikladna. Meh.* Akademija Nauk Ukrainskoj SSR. Otdelenie Matematiki, Mehaniki i Kibernetiki. Prikladnaja Mehanika. (Kiev) (Translated as: Soviet Appl. Mech.)
- Primenen. Mat. Économ.* Leningradskiy Ordena Lenina Gosudarstvennyi Universitet imeni A. A. Ždanova. Kafedra i Laboratoriya Ékonomicko-Matematičeskikh Metodov. Primenenie Matematiki v Ékonomike. (Leningrad)
- Probleme der Kybernetik.* Probleme der Kybernetik. (Berlin) (Translation of Problemy Kibernet.)
- Problems of Information Transmission.* Problems of Information Transmission. (New York) (Translation of Problemy Perekadi Informacij)
- Problemy Kibernet.* Problemy Kibernetiki. (Moscow) (Translated as: Systems Theory Res.)
- Problemy Mat. Anal. Slož. Sistem.* Voronežskiy Gosudarstvennyi Universitet. Problemy Matematicheskogo Analiza Složnyh Sistem. (Voronezh)
- Problemy Perekadi Informacij.* Akademija Nauk SSSR. Institut Problem Perekadi Informacij Akademii Nauk SSSR. Problemy Perekadi Informacij. (Moscow) (Translated as: Problems of Information Transmission)
- Proc. Amer. Math. Soc.* Proceedings of the American Mathematical Society. (Providence, R.I.)
- Proc. Cambridge Philos. Soc.* Proceedings of the Cambridge Philosophical Society. (Cambridge, England)

ABBREVIATIONS OF NAMES OF JOURNALS

- Proc. Edinburgh Math. Soc.*. Proceedings of the Edinburgh Mathematical Society. (Edinburgh) (Contains *Proc. Edinburgh Math. Soc. Edinburgh Math. Notes*)
- Proc. Edinburgh Math. Soc. Edinburgh Math. Notes*. Proceedings of the Edinburgh Mathematical Society. Edinburgh Mathematical Notes. (Edinburgh) (Included in *Proc. Edinburgh Math. Soc.*)
- Proc. Fac. Sci. Tokai Univ.*. Proceedings of the Faculty of Science of Tokai University. (Tokyo)
- Proc. Indian Acad. Sci. Sect. A.* Proceedings of the Indian Academy of Sciences. Section A. (Bangalore)
- Proc. Inst. Statist. Math.* The Proceedings of the Institute of Statistical Mathematics. (Tokyo)
- Proc. Iowa Acad. Sci.* Proceedings of the Iowa Academy of Science. (Des Moines, Iowa)
- Proc. Japan Acad.* Proceedings of the Japan Academy. (Tokyo)
- Proc. London Math. Soc.* Proceedings of the London Mathematical Society. (London)
- Proc. Math. Phys. Soc. U.A.R. (Egypt).* Proceedings of the Mathematical and Physical Society of U.A.R. (Egypt). (Cairo)
- Proc. Nat. Acad. Sci. India Sect. A.* Proceedings of the National Academy of Sciences, India. Section—A. (Allahabad)
- Proc. Nat. Acad. Sci. U.S.A.* Proceedings of the National Academy of Sciences of the United States of America. (Washington, D.C.)
- Proc. Nat. Inst. Sci. India Part A.* Proceedings of the National Institute of Sciences of India. Part A. Physical Sciences. (New Delhi)
- Proc. Pakistan Statist. Assoc.* Proceedings of the Pakistan Statistical Association. (Lahore)
- Proc. Rajasthan Acad. Sci.* The Proceedings of the Rajasthan Academy of Sciences. (Pilani)
- Proc. Roy. Irish Acad. Sect. A.* Proceedings of the Royal Irish Academy. Section A. (Dublin)
- Proc. Roy. Soc. Edinburgh Sect. A.* Proceedings of the Royal Society of Edinburgh. Section A. (Mathematical and Physical Sciences). (Edinburgh)
- Proc. Roy. Soc. Ser. A.* Proceedings of the Royal Society. Series A. Mathematical and Physical Sciences. (London)
- Proc. Steklov Inst. Math.* Proceedings of the Steklov Institute of Mathematics. (Providence, R.I.) (Translation of *Trudy Mat. Inst. Steklov.*)
- Proc. Vibration Problems.* Polish Academy of Sciences. Institute of Basic Technical Problems. Proceedings of Vibration Problems. (Warsaw)
- Proc. West Virginia Acad. Sci.* West Virginia University Bulletin. West Virginia Academy of Science. Proceedings. (Morgantown, W. Va.)
- Progr. Math.* See *Shuxue Jinzhan*.
- Progr. Math. (Allahabad).* Academy for Progress of Mathematics of the University of Allahabad. Progress of Mathematics. (Allahabad)
- Progr. Theoret. Phys.* Progress of Theoretical Physics. (Kyoto)
- Przeglqd Statyst.* Sekcja Statystyki Polskiego Towarzystwa Ekonomicznego. Przeglqd Statystyczny. (Warsaw)
- Pskov. Ped. Inst. Fiz.-Mat. Fak. Učen. Zap.* Ministerstvo Prosvetlenija RSFSR. Pakovskij Pedagočeskiy Institut. Fiziko-Matematičeskij Fakul'tet. Učenye Zapiski. (Pakov)
- Psychometrika.* A Journal Devoted to the Development of Psychology as a Quantitative Rational Science. (Chapel Hill, N.C.)
- Publ. Centro Estudos Mat. Porto.* Publicações do Centro de Estudos Matemáticos do Porto. (Porto, Portugal)
- Publ. Dép. Math. (Lyon).* Publications du Département de Mathématiques. Faculté des Sciences de Lyon. (Lyon)
- Publ. Dept. Math. (Ljubljana).* University of Ljubljana. Institute of Mathematics, Physics and Mechanics. Publications of the Department of Mathematics. (Ljubljana)
- Publ. Inst. Math. (Beograd).* Institut Mathématique. Publications de l'Institut Mathématique. Nouvelle Série. (Belgrade)
- Publ. Inst. Statist. Univ. Paris.* Publications de l'Institut de Statistique de l'Université de Paris. (Paris)
- Publ. Math. Debrecen.* Publicationes Mathematicae. (Debrecen)
- Publ. Res. Inst. Math. Sci. Ser. A.* Publications of the Research Institute for Mathematical Sciences. Series A. (Kyoto)
- Publ. Res. Inst. Math. Sci. Ser. B.* Publications of the Research Institute for Mathematical Sciences. Series B. (Kyoto)
- Publ. Sémin. Géom. Univ. Neuchâtel.* Publications du Séminaire de Géométrie de l'Université de Neuchâtel. (Neuchâtel)
- Quart. Appl. Math.* Quarterly of Applied Mathematics. (Providence, R.I.)
- Quart. J. Math. Oxford Ser.* The Quarterly Journal of Mathematics, Oxford Second Series. (Oxford)
- Quart. J. Mech. Appl. Math.* The Quarterly Journal of Mechanics and Applied Mathematics. (Oxford)
- Quart. Rev. Sci. Publ.* Polish Academy of Sciences. Distribution Centre for Scientific Publications. Quarterly Review of Scientific Publications. (Warsaw)
- RAAG Res. Notes.* RAAG Research Notes. (Tokyo)
- Rad Jugoslav. Akad. Znan. Umjet.* Rad Jugoslavenske Akademije Znanosti i Umjetnosti. (Zagreb)
- Radio Engrg. Electron. Phys.* Radio Engineering and Electronic Physics. (Translation of *Radiotekhnika i Elektronika*, a U.S.S.R. Academy of Sciences Publication). (New York) (Translation of *Radiotekhnika i Elektronika*)
- Radio Sci.* Radio Science. (Washington, D.C.)
- Radiotekhn. (Har'kov).* Har'kovskii Ordena Trudovogo Krasnogo Znameni Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Radiotekhnika. (Kharkov)
- Radiotekhn. i Elektron.* Akademija Nauk SSSR. Radiotekhnika i Elektronika. (Moscow) (Translated as: *Radio Engr. Electron. Phys.*)
- Rajasthan Univ. Studies Statist.* Rajasthan University Studies in Statistics (Science Series). (Rajasthan)
- Ratio. Ratio.* (Oxford)
- Recherche Aérospat.* La Recherche Aérospatiale. (Châtillon) (Formerly: *Rech. Aéro.*)
- Rend. Accad. Sci. Fis. Mat. Napoli.* Società Nazionale di Napoli. Rendiconto dell'Accademia delle Scienze Fisiche e Matematiche. (Naples)
- Rend. Circ. Mat. Palermo.* Rendiconti del Circolo Matematico di Palermo. (Palermo)
- Rend. Ist. Statist. Ser. A.* Rendiconti dell'Istituto di Statistica. Serie A. (Milan)
- Rend. Mat.* Rendiconti di Matematica. Università degli Studi di Roma. Istituto Matematica Guido Castelnuovo. Istituto di Matematica Applicata. Istituto Nazionale di Alta Matematica. (Rome) (Formerly: *Rend. Mat. e Appl.*)
- Rend. Mat. e Appl.* Università di Roma. Istituto Nazionale di Alta Matematica. Rendiconti di Matematica e delle sue Applicazioni. (Rome) (Continued as: *Rend. Mat.*)
- Rend. Sem. Fac. Sci. Univ. Cagliari.* Rendiconti del Seminario della Facoltà di Scienze della Università di Cagliari. (Cagliari)
- Rend. Sem. Mat. Fis. Milano.* Rendiconti del Seminario Matematico e Fisico di Milano. (Milan)
- Rend. Sem. Mat. Univ. Padova.* Rendiconti del Seminario Matematico dell'Università di Padova. (Padua)
- Rep. Fac. Sci. Kagoshima Univ.* Reports of the Faculty of Science of Kagoshima University. (Kagoshima) (Formerly: *Sci. Rep. Kagoshima Univ.*)

ABBREVIATIONS OF NAMES OF JOURNALS

- Rep. Fac. Sci. Shizuoka Univ.* Shizuoka University. Faculty of Science. Reports of the Faculty of Science. Shizuoka University. (Shizuoka)
- Rep. Inst. Sci. Tech. Univ. Tokyo.* The Reports of the Institute of Science and Technology, University of Tokyo. (Tokyo)
- Rep. Res. Inst. Strength and Fracture of Materials.* Tohoku Univ. Reports of the Research Institute for Strength and Fracture of Materials. Tohoku University. (Sendai)
- Rep. Statist. Appl. Res. Un. Japan. Sci. Engrs.* Reports of Statistical Application Research, Union of Japanese Scientists and Engineers. (Tokyo)
- República Venezuela Bol. Acad. Ci. Fis. Mat. Natur.* República de Venezuela. Boletín de la Academia de Ciencias Físicas, Matemáticas y Naturales. (Caracas)
- Res. Bull. Fac. Ed. Oita Univ.* The Research Bulletin of the Faculty of Education. Oita University. (Oita)
- Res. Rep. Anan Tech. College.* Research Reports of the Anan Technical College. (Anan)
- Res. Rep. Nagaoka Tech. College.* Research Reports of the Nagaoka Technical College. (Nagaoka)
- Res. Rep. Tokyo Electrical Engrg. College.* Research Reports of Tokyo Electrical Engineering College. (Tokyo)
- Rev. Acad. Ci. Madrid.* Revista de la Real Academia de Ciencias Exactas, Físicas y Naturales de Madrid. (Madrid)
- Rev. Acad. Ci. Zaragoza.* Revista de la Academia de Ciencias Exactas, Físico-Químicas y Naturales de Zaragoza. (Zaragoza)
- Rev. CETHEDEC.* Revue du Centre d'Études Théoriques de la Détection et des Communications. (Paris)
- Rev. Ci. (Lima).* Revista de Ciencias. (Lima)
- Rev. Colombiana Mat.* Revista Colombiana de Matemáticas. (Bogotá) (Formerly: *Rev. Mat. Elem.*)
- Rev. Fac. Ci. Univ. Coimbra.* Revista de Faculdade de Ciências da Universidade de Coimbra. (Coimbra)
- Rev. Française Informat. Recherche Opérationnelle.* Association Française d'Informatique et de Recherche Opérationnelle. Revue Française d'Informatique et de Recherche Opérationnelle. (Paris)
- Rev. Française Traitement Information Chiffres.* Revue Française de Traitement de l'Information. Chiffres. (Paris)
- Rev. Histoire Sci. Appl.* Revue d'Histoire des Sciences et de leurs Applications. (Paris)
- Rev. Inst. Internat. Statist.* Revue de l'Institut International de Statistique. Review of the International Statistical Institute. (The Hague)
- Rev. Mat. Elem.* Revista de Matemáticas Elementales. (Bogotá) (Continued as: *Rev. Colombiana Mat.*)
- Rev. Mat. Hisp.-Amer.* Revista Matemática Hispano-Americana. (Madrid)
- Rev. Mexicana Fis.* Revista Mexicana de Física. (Mexico City)
- Rev. Modern Phys.* Reviews of Modern Physics. (New York)
- Rev. Roumaine Math. Pures Appl.* Académie de la République Populaire Roumaine. Revue Roumaine de Mathématiques Pures et Appliquées. (Bucharest)
- Rev. Roumaine Sci. Tech. Sér. Méc. Appl.* Revue Roumaine des Sciences Techniques. Série de Mécanique Appliquée. (Bucharest)
- Rev. Un. Mat. Argentina.* Revista de la Unión Matemática Argentina. (Buenos Aires)
- Rice Univ. Studies.* Rice University Studies. (Houston, Tex.)
- Ricerca (Napoli).* La Ricerca. Rivista di Matematiche Pure ed Applicate. (Naples)
- Ricerche Mat.* Ricerche di Matematica. (Naples)
- Rīgas Politehn. Inst. Zinātn. Raksti.* Rīgas Politehnika Institūts. Rīzakil Politehnika Institut. Učenye Zapiski. Rīgas Politehnika Institūta Zinātniskie Raksti. (Riga)
- Riv. Mat. Univ. Parma.* Rivista di Matematica della Università di Parma. (Parma)
- Riv. Nuovo Cimento.* Rivista del Nuovo Cimento. (Bologna)
- Rižsk. Inst. Inž. Graždān. Aviacii.* Rižskij Institut Inženerov Gradskoj Aviacii imeni Leninskogo Komsomola. (Riga)
- Riazansk. Gos. Ped. Inst. Učen. Zap.* Riazanskij Gosudarstvennyj Pedagogičeskij Institut. Učenye Zapiski. (Ryazan)
- Rostov.-na.-Donu Gos. Ped. Inst. Fiz.-Mat. Fak. Učen. Zap.* Rostovskij-na.-Donu Gosudarstvennyj Pedagogičeskij Institut. Fiziko-Matematičeskij Fakultet. Učenye Zapiski. (Rostov-on-Don)
- Rozpravy Československé Akad. Věd. Řada Mat. Přírod. Věd.* Rozpravy Československé Akademie Věd. Řada Matematických a Přírodních Věd. (Prague)
- Rozprawy Int. Polska Akademia Nauk. Instytut Podstawowych Problemów Techniki.* Rozprawy Inżynierskie. (Warsaw)
- Russian Math. Surveys.* Russian Mathematical Surveys. (A translation of the survey articles and of selected biographical articles in *Uspehi Matematicheskikh Nauk*). (London) (Translation of *Uspehi Mat. Nauk*)
- RŽAutomat. Telemeh. i Výčisl. Tehn.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyj Žurnal. Avtomatika, Telemekhanika i Výčislitel'naja Tehnika. (Moscow)
- RŽFiz.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyj Žurnal. Fizika. (Moscow)
- RŽKibernet.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyj Žurnal. Kibernetika. (Moscow)
- RŽMat.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyj Žurnal. Matematika. (Moscow)
- RŽMeh.* Akademija Nauk SSSR. Institut Naučnoj Informacii. Referativnyj Žurnal. Mechanika. (Moscow)
- Sakharth. SSR Mecn. Akad. Gamothel. Centr. Šrom.* Sakharthvelos SSR Mecnierebatho Akademis Gamothvili Centris Šromebi. (Tbilisi) (Formerly listed as: *Trudy Vyčisl. Centra Akad. Nauk Gruzin. SSR*)
- Sakharth. SSR Mecn. Akad. Math. Inst. Šrom.* Sakharthvelos SSR Mecnierebatho Akademis A. Razmadzis Sahelobis Tbilisi Matematikis Instituti. Šromebi. (Tbilisi) (Formerly listed as: *Akad. Nauk Gruzin. SSR Trudy Tbiliss. Mat. Inst. Razmadze*)
- Sakharth. SSR Mecn. Akad. Moambe.* Sakharthvelos SSR Mecnierebatho Akademis Moambe. (Tbilisi) (Formerly listed as: *Soočč. Akad. Nauk Gruzin. SSR*)
- Sankhyā Ser. A.* Sankhyā (Statistics). The Indian Journal of Statistics. Series A. (Calcutta)
- Sankhyā Ser. B.* Sankhyā (Statistics). The Indian Journal of Statistics. Series B. (Calcutta)
- S.-B. Berlin. Math. Ges.* Sitzungsberichte der Berliner Mathematischen Gesellschaft. (Berlin)
- S.-B. Heidelberg. Akad. Wiss. Math.-Natur. Kl.* Sitzungsberichte der Heidelberg Akademie der Wissenschaften. Mathematisch-Naturwissenschaftliche Klasse. (Heidelberg)
- S.-B. Sächs. Akad. Wiss. Leipzig Math.-Natur. Kl.* Sitzungsberichte der Sächsischen Akademie der Wissenschaften zu Leipzig. Mathematisch-naturwissenschaftliche Klasse. (Berlin)
- Sb. Prací Vys. Školy Doprav. v Žilině a Výzkum. Ústav. Doprav. v Praze.* Sborník Prací Vysoké Školy Dopravní v Žilině a Výzkumního Ústavu Dopravního v Praze. (Prague)
- Sb. Prací Ped. Fak. v Ostravě Ser. A 1.* Sborník Prací Pedagogické Fakulty v Ostravě. Série A 1. (Ostrava)
- Sb. Voj. Akad. (Brno).* Sborník Vojenské Akademie Antonina Zápotockého. (Brno)
- Sb. Vysoké Učení Tech. Brno.* Sborník Vysokého Učení Technického v Brně. (Brno)
- Schr. Math. Inst. Univ. Münster.* Schriftenreihe des Mathematischen Instituts der Universität Münster. (Münster)
- Sci. Abstracts China Sect. Math. Phys. Sci.* Institute of Scientific and Technical Information of China. Science Abstracts of China. Mathematical and Physical Sciences. (Peking)

ABBREVIATIONS OF NAMES OF JOURNALS

- Sci. Papers College Gen. Ed. Univ. Tokyo.* Scientific Papers of the College of General Education. University of Tokyo. (Tokyo)
- Sci. Rep. College Gen. Ed. Osaka Univ.* Science Reports. College of General Education. Osaka University. (Osaka, Japan)
- Sci. Rep. Fac. Ed. Gifu Univ. Natur. Sci.* Science Reports of the Faculty of Education. Gifu University. (Natural Science). (Gifu)
- Sci. Rep. Hirosaki Univ.* Science Reports of the Hirosaki University. (Hirosaki)
- Sci. Rep. Kagoshima Univ.* Science Reports of the Kagoshima University. (Kagoshima) (Continued as: *Rep. Fac. Sci. Kagoshima Univ.*)
- Sci. Rep. Kanazawa Univ.* The Science Reports of the Kanazawa University. (Kanazawa)
- Sci. Rep. Niigata Univ. Ser. A.* Science Reports of Niigata University. Series A (Mathematics). (Niigata)
- Sci. Rep. Res. Inst. Theoret. Phys. Hiroshima Univ.* Scientific Reports of the Research Institute for Theoretical Physics, Hiroshima University. (Hiroshima)
- Sci. Rep. Saitama Univ. Ser. A.* The Science Reports of the Saitama University. Series A. Mathematics, Physics and Chemistry. (Urawa)
- Sci. Rep. Tokyo Kyoiku Daigaku Sect. A.* Science Reports of the Tokyo Kyoiku Daigaku (Tokyo University of Education). Section A. (Tokyo)
- Sci. Rep. Yokohama Nat. Univ. Sect. I.* Science Reports of the Yokohama National University. Section I. Mathematics, Physics. (Yokohama)
- Sci. Sinica. Scientia Sinica.* (Peking)
- Scientia (Valparaíso).* Universidad Técnica Federico Santa María. Scientia. (Valparaíso)
- Scripta Math.* Scripta Mathematica. A Quarterly Journal Devoted to the Philosophy, History, and Expository Treatment of Mathematics. (New York)
- Sem. Math. V. A. Steklov Math. Inst. Leningrad.* Seminars in Mathematics V. A. Steklov Mathematical Institute Leningrad. (New York) (Translation of *Zap. Naučn. Sem. Leningrad. Otdel. Mat. Inst. Steklov. (LOMI)*)
- Shenzhou Xuebao.* See *Acta Acust. Sinica.*
- Shuzus Jinshan.* Chinese Mathematical Society. Academia Sinica. Shuxue Jinshan (Progress in Mathematics). (Peking)
- SIAM J. Appl. Math.* SIAM Journal on Applied Mathematics. (Philadelphia, Pa.)
- SIAM J. Control.* SIAM Journal on Control. (Philadelphia, Pa.)
- SIAM J. Numer. Anal.* SIAM Journal on Numerical Analysis. (Philadelphia, Pa.)
- SIAM Rev.* SIAM Review. A Publication of the Society for Industrial and Applied Mathematics. (Philadelphia, Pa.)
- Siberian Math. J.* Siberian Mathematical Journal. (New York) (Translation of *Sibirsk. Mat. Ž.*)
- Sibirsk. Mat. Ž.* Akademija Nauk SSSR. Sibirskoe Otdeleñie. Sibirskij Matematicheskij Žurnal. (Moscow) (Translated as: *Siberian Math. J.*)
- Simon Stevin.* Simon Stevin. Wiskundig Tijdschrift. (Groningen-Djakarta)
- Skand. Aktuarietidskr.* Skandinavisk Aktuarietidskrift. (Uppsala)
- Smolensk. Gos. Ped. Inst. Učen. Zap.* Smolenskij Gosudarstvennyj Pedagogičeskij Institut. Učenyye Zapiski. (Smolensk)
- Soc. Actuar. Trans.* Society of Actuaries. Transactions. (Chicago, Ill.)
- Soc. Parana. Mat. Anuario.* Anuario da Sociedade Paranaense de Matemática. (Curitiba)
- Soc. Sci. Fenn. Comment. Phys.-Math.* Societas Scientiarum Fenniae. Commentationes Physico-Mathematicae. (Helsinki)
- Soobšč. Akad. Nauk Gruzin. SSR.* Soobščenija Akademii Nauk Gruzinskoj SSR. (Tbilisi) See *Sokharts. SSR Mečn. Akad. Moambe.*
- Soobšč. Vyčisl. Mat.* Akademija Nauk SSSR. Vyčislitel'nyj Centr. Soobščenija po Vyčislitel'noj Matematike. (Moscow)
- Soviet Appl. Mech.* Soviet Applied Mechanics. (New York) (Translation of *Prikladna. Meh.*)
- Soviet Astronom.* A.J. Soviet Astronomy. A.J. (A translation of *Astronomičeskij Žurnal*, the astronomical journal of the Academy of Sciences of the USSR.) (New York) (Translation of *Astronomičeskij Žurnal*)
- Soviet J. Nuclear Phys.* American Institute of Physics. Soviet Journal of Nuclear Physics. (New York) (Translation of *Jadernaja Fiz.*)
- Soviet Math. Dokl.* Soviet Mathematics. Doklady. (A translation of the mathematics section of *Doklady Akademii Nauk SSSR*). (Providence, R.I.) (Translation of mathematics section of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics Acoust.* Soviet Physics. Acoustics. (A translation of *Akustičeskij Žurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Akust. Z.*)
- Soviet Physics Dokl.* Soviet Physics. Doklady. (A translation of the physics sections of *Doklady Akademii Nauk SSSR*). (New York) (Translation of physics sections of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics J.* Soviet Physics Journal. (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Fizika*)
- Soviet Physics JETP.* Soviet Physics. JETP. (A translation of *Z. Èksperimental'noj i Teoreticeskoj Fiziki* of the USSR). (New York) (Translation of *Z. Èksper. Teori. Fiz.*)
- Soviet Radiophys.* Soviet Radiophysics. (A translation of the *Izvestija Vysših Učebnyh Zavedenij Radiofizika* of the Ministry of Higher Education of the USSR). (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Radiofizika*)
- Spisy Ped. Fak. v Ostravě.* Spisy Pedagogické Fakulty v Ostravě. (Ostrava)
- Spisy Přírod. Fak. Univ. Brno.* Spisy Přírodnídecké Fakulty University v Brně. Trudy Estestvenno-Istorického Fakulteta Universiteta v Brně. Publications de la Faculté des Sciences de l'Université à Brno. (Brno)
- Statist. Theory Method Abstracts.* Statistical Theory and Method Abstracta. (London)
- Statistica (Bologna).* Statistica. (Bologna)
- Statistica Neerlandica.* Statistica Neerlandica. Orgaan van de Vereniging voor Statistiek. (The Hague)
- Stroje na Zpracování Informací.* Československá Akademie Věd. Výzkumný Ústav Matematických Strojů. Research Institute of Mathematical Machines. Izledovatel'nyj Institut Matematicheskikh Mašin. Stroje na Zpracování Informací. (Prague)
- Stud. Cerc. Mat.* Studii și Cercetări Matematice. (Bucharest)
- Stud. Cerc. Mec. Apl.* Studii și Cercetări de Mecanică Aplicată. (Bucharest)
- Studia Logica.* Polska Akademia Nauk. Komitet Filozoficzny. Studia Logica. (Warsaw)
- Studia Math.* Polska Akademia Nauk. Studia Mathematica. (Warsaw)
- Studio Sci. Math. Hungar.* Consilium Instituti Mathematici Academie Scientiarum Hungaricae. Studia Scientiarum Mathematicarum Hungaricae. (Budapest)
- Studia Univ. Babeş-Bolyai Ser. Mat.-Phys.* Studia Universitatis Babeş-Bolyai. Series Mathematica-Physica. (Cluj)
- Studies in Appl. Math.* Studies in Applied Mathematics. (Cambridge, Mass.) (Formerly: *J. Math. and Phys.*)
- Sūgaku.* Mathematical Society of Japan. Sūgaku (Mathematics). (Tokyo)
- Su-hak kwa Mu-li.* Academy of Science of the People's Democratic Republic of Korea. Research Center for Physics and Mathematics. Su-hak kwa Mu-li (Mathematics and Physics). (Pyongyang)

ABBREVIATIONS OF NAMES OF JOURNALS

- Summa Brasil. Math.* Summa Brasiliensis Mathematicae. (Rio de Janeiro)
- Sverdlovsk. Gos. Ped. Inst. Učen. Zap.* Sverdlovskii Gosudarstvennyi Pedagogicheskii Institut. Učenye Zapiski. (Sverdlovsk)
- Systems Theory Res.* Systems Theory Research. (New York) (Translation of *Problemy Kibernet.*)
- Tadžik. Gos. Univ. Učen. Zap.* Tadžikskii Gosudarstvennyi Universitet im. V. I. Lenina. Učenye Zapiski. Trudy Fiziko-Matematicheskogo Fakulteta. Seriya Matematicheskaya. (Dushanbe)
- Tadžik. S.-h. Inst. Trudy.* Tadžikskii Sel'skohozajstvennyi Institut i Tadžikskii Gosudarstvennyi Universitet. Trudy. (Dushanbe)
- Tallin. Polütehn. Inst. Toimetised Seer. A.* Tallinna Polütehnilise Instituudi Toimetised Seeria A. (Tallin)
- Tamkang J.* Tamkang Journal. (Tamkang)
- Tartu Riikl. Ül. Toimetised.* Tartu Riikliku Ülikooli Toimetised. Učenye Zapiski Tartuakogo Gosudarstvennogo Universiteta. Matematika-Loodusteaduskonno Töid. Trudy Estestvenno-Matematicheskogo Fakulteta. (Tartu)
- Tuškent. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosvetlenija Uzbekskoj SSR. Taškentskii Gosudarstvennyi Pedagogicheskii Institut im. Nizami. Učenye Zapiski. (Tashkent)
- Taškent. Gos. Univ. Naučn. Trudy.* Taškentskii Gosudarstvennyi Universitet. Naučnye Trudy. (Tashkent)
- Taškent. Politehn. Inst. Naučn. Trudy.* Ministerstvo Vyšego i Srednego Specjal'nogo Obrazovaniya. Taškentskii Politehnicheskii Institut. Naučnye Trudy. Novaja Serija. (Tashkent)
- Taškent. Tekstil. Inst. Kaf. Vysl. Mat. Sb. Naučn.-Issled. Rabot Ser. Mat.* Taškentskii Tekstil'nyi Institut. Kafedra Vyshei Matematiki. Sbornik Naučno-Issledovatel'skikh Rabot. Seriya Matematiki. (Tashkent)
- Tbilisi. Gos. Univ. Trudy Ser. Fiz. Nauk.* Tbilisskii Gosudarstvennyi Universitet. Trudy. Seriya Fizicheskikh Nauk. (Tbilisi) See *Tbilisi. Sahelmç. Univ. Šrom. Phiz. Mechn. Ser.*
- Tbilisi. Gos. Univ. Trudy Ser. Mekh.-Mat. Nauk.* Tbilisskii Gosudarstvennyi Universitet. Trudy. Seriya Mekhaniko-Matematicheskikh Nauk. (Tbilisi) See *Tbilisi. Sahelmç. Univ. Šrom. Mekh.-Math. Mechn. Ser.*
- Tech. Mitt. Krupp.* Technische Mitteilungen Krupp. (Eesen)
- Tech. Rep. Osaka Univ.* Technology Reports of the Osaka University. (Osaka)
- Technometrics.* Technometrics. A Journal of Statistics for the Physical, Chemical and Engineering Sciences. (Princeton, N.J.)
- Tellus.* Svenska Geofysiska Föreningen. Tellus. A Quarterly Journal of Geophysics. (Uppsala)
- Tensor.* Tensor. New Series. The Tensor Society. (Tokyo)
- Teor. Funkcij Funkcional. Anal. i Prilozhen.* Har'kovskii Ordena Trudovogo Krasnogo Znameni Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Teoriya Funkcij, Funkcional'nyi Analiz i ih Prilozhenija. (Kharkov)
- Teor. Verojatnost. i Primenen.* Akademija Nauk SSSR. Teoriya Verojatnostej i ee Primenenija. (Moscow) (Translated as: *Theor. Probability Appl.*)
- Teoretičeskaja Elektrotehnika.* L'vovskii Gosudarstvennyi Universitet. Teoreticheskaja Elektrotehnika. (L'vov)
- Teori. Prikl. Mat.* MVSSO URSSR L'viv'skii Ordena Lenina Dzavnl'i Universitet imeni Iv. Franka. Teoretična i Prikladna Matematika. (L'vov)
- Thalès.* Thalès. Recueil Annuel des Travaux de l'Institut d'Histoire des Sciences et des Techniques de l'Université de Paris. (Paris)
- Tbilisi. Sahelmç. Univ. Šrom. Mekh.-Math. Mechn. Ser.* Tbilisskii Sahelmçipho Universiteti. Šrombi. Mekhanika-Matematikis Mecnierebathha Seria. (Tbilisi) (Formerly listed as: *Tbilisi. Gos. Univ. Trudy Ser. Mekh.-Mat. Nauk*)
- Tbilisi. Sahelmç. Univ. Šrom. Phiz. Mechn. Ser.* Tbilisskii Sahelmçipho Universiteti. Šrombi. Phizikis Mecnierebathha Seria. (Tbilisi) (Formerly listed as: *Tbilisi. Gos. Univ. Trudy Ser. Fiz. Nauk*)
- Theor. Probability Appl.* Theory of Probability and its Applications. (An English translation of the Soviet journal *Teoriya Verojatnostej i ee Primenenija*). (Philadelphia, Pa.) (Translation of *Teor. Verojatnost. i Primenen.*)
- Theoria.* Theoria. A Swedish Journal of Philosophy. (Lund)
- Tiraspol. Gos. Ped. Inst. Učen. Zap.* Tiraspol'skii Gosudarstvennyi Pedagogicheskii Institut im. T. G. Shevchenko. Učenye Zapiski. (Kishinev)
- Tjumen. Gos. Ped. Inst. Učen. Zap.* Ministerstvo Prosvetlenija RSFSR. Tjumenskii Gosudarstvennyi Pedagogicheskii Institut. Učenye Zapiski. (Tyumen)
- Tōhoku Math. J.* The Tōhoku Mathematical Journal. (Sendai)
- Tomsk. Gos. Univ. Učen. Zap.* Tomskii Gosudarstvennyi Universitet im. V. V. Kulibycheva. Učenye Zapiski. (Tomsk)
- Topology.* Topology. An International Journal of Mathematics. (Oxford)
- Trabajos Estadist.* Trabajos de Estadística. (Madrid)
- Trans. Amer. Math. Soc.* Transactions of the American Mathematical Society. (Providence, R.I.)
- Trans. ASME Ser. E. J. Appl. Mech.* Transactions of the ASME. Series E. Journal of Applied Mechanics. (New York)
- Trans. Moscow Math. Soc.* Transactions of the Moscow Mathematical Society. (Providence, R.I.) (Translation of *Trudy Moskov. Mat. Obšč.*)
- Trans. New York Acad. Sci.* Transactions of the New York Academy of Sciences. (New York)
- Trans. Roy. Soc. South Africa.* Transactions of the Royal Society of South Africa. (Cape Town)
- Transportation Sci.* Operations Research Society of America. Transportation Science Section. Transportation Science. (Baltimore, Md.)
- TRU Math.* TRU Mathematics. (Tokyo)
- Trudy Akad. Nauk Litov. SSR Ser. B.* Lietuvos TSR Mokslo Akademijos. Darbai. Serija B. Akademijos Nauk Litovskoj SSR. Trudy. Serija B. (Vilnius)
- Trudy Fiz. Inst. Lebedev.* Akademija Nauk SSSR. Trudy Fizicheskogo Instituta im. P. N. Lebedeva. (Moscow)
- Trudy Geometr. Sem.* Akademija Nauk SSSR. Institut Naučnoj Informacii. VINITI. Trudy Geometricheskogo Seminara. (Moscow)
- Trudy Inst. Istor. Estestvoznan. Tehn.* Akademija Nauk SSSR. Trudy Instituta Istorii Estestvoznanija i Tehniki. (Moscow)
- Trudy Kazan. Aviacion. Inst.* Trudy Kazanskogo Aviacionnogo Instituta. Matematika i Mechanika. (Kazan)
- Trudy Leningrad. Tehn. Inst. Trudy Kafedr Mekh. Fak.* Ministerstvo Vyšego Obrazovaniya SSSR. Trudy Leningradskogo Tekhnologičeskogo Instituta imeni Lensoveta. Trudy Kafedr Mekhanicheskogo Fakulteta. (Leningrad)
- Trudy Mat. Inst. Steklov.* Akademija Nauk Sojuza Sovetskikh Socialističeskikh Respublik. Trudy Matematicheskogo Instituta im. V. A. Steklova. (Moscow-Leningrad) (Translated as: Proc. Steklov Inst. Math.)
- Trudy Moskov. Mat. Obšč.* Trudy Moskovskogo Matematicheskogo Obščestva. (Moscow) (Translated as: *Trans. Moscow Math. Soc.*)
- Trudy Moskov. Orden. Lenin. Ènerget. Inst.* Ministerstvo Vyšego i Srednego Specjal'nogo Obrazovaniya RSFSR. Trudy Moskovskogo Ordena Lenina Ènergeticheskogo Instituta. (Moscow)
- Trudy Naučn. Ob'ed. Prepodav. Fiz.-Mat. Fak. Ped. Inst. Dal'n. Vostok.* Ministerstvo Prosvetlenija RSFSR. Habarovskii Gosudarstvennyi Pedagogicheskii Institut. Trudy Naučnogo Ob'edinenija Prepodavatelei Fiziko-matematicheskikh Fakultetov Pedagogicheskikh Institutov Dal'nego Vostoka. (Khabarovsk)
- Trudy Samarkand. Gos. Univ. Mat.* Ministerstvo Vyšego i Srednego Specjal'nogo Obrazovaniya UzSSR. Trudy Samarkandskogo Gosudarstvennogo Universiteta im. A. Navoi. Matematika. (Samarkand)

ABBREVIATIONS OF NAMES OF JOURNALS

- Trudy Sem. Kraev. Zadačam.* Trudy Seminara po Kraevym Zadačam. (Kazan') (Formerly: *Trudy Sem. Obratn. Kraev. Zadačam*)
- Trudy Sem. Obratn. Kraev. Zadačam.* Trudy Seminara po Obratnym Kraevym Zadačam. (Kazan) (Continued as: *Trudy Sem. Kraev. Zadačam*)
- Trudy Sem. Teor. Diferencial. Uravnenij s Otklon. Argumentom Univ. Družby Narodov Patrīsa Lumumbī.* Trudy Seminara po Teorii Diferencial'nyh Uravnenij s Otklonajuščimaja Argumentom. Universitet Družby Narodov imeni Patrīsa Lumumbī. (Moscow)
- Trudy Sem. Vektor. Tensor. Anal.* Trudy Seminara po Vektornomu i Tenzornomu Analizu s ih Prilozhenijami k Geometrii, Mekhanike i Fizike. (Moscow)
- Trudy Sibirs. Fiz.-Tehn. Inst.* Trudy Sibirskogo Fiziko-Tehničeskogo Instituta imeni Akademika V. D. Kuznetsova. (Tomsk)
- Trudy Taškent. Gos. Univ.* Trudy Taškentskogo Gosudarstvennogo Universiteta im. V. I. Lenina. Matematika. (Tashkent) See *Taškent. Gos. Univ. Naučn. Trudy*.
- Trudy Tomsk. Gos. Univ. Ser. Meh.-Mat.* Trudy Tomskogo Gosudarstvennogo Universiteta im. V. V. Kulibyko. Serija Mekhaniko-Matematičeskaja. (Tomsk)
- Trudy Univ. Družby Narod.* Trudy Universiteta Družby Narodov imeni Patrīsa Lumumbī. (Moscow)
- Trudy Vsesojuz. Zaočn. Energet. Inst.* Trudy Vsesojuznogo Zaočnogo Energetičeskogo Instituta. (Moscow)
- Trudy Vyčisl. Centra Akad. Nauk Armjan. SSR i Erevan. Gos. Univ.* Trudy Vyčislitel'nogo Centra Akademii Nauk Armjanskoi SSR i Erevanskogo Gosudarstvennogo Universiteta. (Erevan)
- Trudy Vyčisl. Centra Akad. Nauk Gruzin. SSR.* Akademija Nauk Gruzinskoi SSR. Trudy Vyčislitel'nogo Centra. (Tbilisi) See *Sakharov. SSR Mecn. Akad. Gamtohel. Centr. Šrom*.
- Trudy Vyčisl. Centra Tartu. Gos. Univ.* Trudy Vyčislitel'nogo Centra. Tartuskii Gosudarstvennyi Universitet. (Tartu)
- Turkmen. Gos. Univ. Učen. Zap.* Ministerstvo Narodnogo Obrazovaniya TSSR. Turkmeneskii Gosudarstvennyi Universitet imeni A. M. Gor'kogo. Učenye Zapiski. (Ashkhabad)
- U.S.S.R. Comput. Math. and Math. Phys.* U.S.S.R. Computational Mathematics and Mathematical Physics. (Oxford) (Translation of *Z. Vyčisl. Mat. i Mat. Fiz.*)
- Überblícke Math.* Überblícke Mathematik. (Mannheim)
- Učen. Zap. Borisoglebsk. Gos. Ped. Inst.* Ministerstvo Prosvětlenija RSFSR. Učenye Zapiski. Borisoglebskogo Gosudarstvennogo Pedagožeskogo Instituta. (Borisoglebsk)
- Učen. Zap. Karel. Ped. Inst. Ser. Fiz.-Mat. Nauk.* Ministerstvo Prosvětlenija RSFSR. Karel'skii Pedagožeskii Institut. Učenye Zapiski. Serija Fiziko-Matematičeskikh Nauk. (Petrozavodsk)
- Ukrain. Fiz. Ž.* Akademija Nauk Ukrains'koj RSR. Viddil Fiziki. Ukrains'kil Fizičníl Zurnal. (Kiev) (Ukrainian edition)
- Ukrain. Fiz. Ž.* Akademija Nauk Ukrainskoj SSR. Otdelenie Fiziki. Ukrainskii Fizičeskii Zurnal. (Kiev) (Russian edition)
- Ukrain. Geometr. Sb.* Ministerstvo Vyslego i Srednego Special'nogo Obrazovanija USSR. Ukrainskii Geometričeskii Sbornik. (Khar'kov)
- Ukrain. Mat. Ž.* Akademija Nauk Ukrainskoj SSR. Institut Matematiki. Ukrainskii Matematičeskii Zurnal. (Kiev) (Translated as: *Ukrainian Math. J.*)
- Ukrainian Math. J.* Ukrainian Mathematical Journal. (Translation of *Ukrain. Mat. Ž.*) (New York)
- Ul'janovsk. Gos. Ped. Inst. Učen. Zap.* Ul'janovskij Gosudarstvennyi Pedagožeskii Institut imeni I. N. Ul'janova. Učenye Zapiski. (Saratov)
- Univ. Beograd. Publ. Elektrotehn. Fak. Ser. Mat. Fiz.* Universitet u Beogradu. Publikacije Elektrotehničkog Fakulteta. Serija Matematika i Fizika. (Belgrade)
- Univ. Buenos Aires Contrib. Ci. Ser. Mat.* Universidad de Buenos Aires. Facultad de Ciencias Exactas y Naturales. Contribuciones Científicas. Serie Matemática. (Buenos Aires)
- Univ. Central Venezuela Bol. Fac. Ing.* Universidad Central de Venezuela. Boletín de la Facultad de Ingeniería. (Caracas)
- Univ. e Politec. Torino Rend. Sem. Mat.* Università e Politecnico di Torino. Rendiconti del Seminario Matematico (già "Conferenze di Fisica e di Matematica"). (Torin)
- Univ. Genova Publ. Ist. Mat.* Università di Genova Pubblicazioni dell'Istituto di Matematica. (Genova)
- Univ. Lisboa Revista Fac. Ci. A.* Universidade de Lisboa. Revista da Faculdade de Ciências. 2.ª Série. A. Ciências Matemáticas. (Lisbon)
- Univ. Madrid Publ. Sec. Mat. Fac. Ci.* Universidad de Madrid. Publicaciones de la Sección de Matemática de la Facultad de Ciencias. (Madrid)
- Univ. Nac. Ingen. Inst. Mat. Puras Aplicadas Notas Mat.* Universidad Nacional de Ingeniería. Instituto de Matemáticas Puras y Aplicadas. Notas de Matemáticas. (Lima)
- Univ. Nac. La Plata Publ. Fac. Ci. Fisicomat. Series Segunda Rev. (or Contrib.)* Universidad Nacional de La Plata. Publicaciones de la Facultad de Ciencias Fisicomatemáticas. Serie Segunda. Revista (or Contribuciones). (La Plata)
- Univ. Nac. La Plata Publ. Fac. Ci. Fisicomat. Series Tercera Publ. Esp.* Universidad Nacional de La Plata. Publicaciones de la Facultad de Ciencias Fisicomatemáticas. Serie Tercera. Publicaciones Especiales. (La Plata)
- Univ. Nac. Tucumán Rev. Ser. A.* Universidad Nacional de Tucumán. Facultad de Ciencias Exactas y Tecnología. Revista. Serie A. Matemáticas y Física Teórica. (Tucumán)
- Univ. Republ. Fac. Ingen. Agrimens. Montevideo Publ. Inst. Mat. Estadist.* Universidad de la República. Facultad de Ingeniería y Agrimensura. Montevideo-Uruguay. Publicaciones del Instituto de Matemática y Estadística. (Montevideo)
- Univ. Roorkee Res. J.* University of Roorkee. Research Journal. (Roorkee)
- Univ. Adam Mickiewicza w Poznani. Prace Wydz. Mat. Fiz. Chem. Ser. Mat.* Uniwersytet im. Adama Mickiewicza w Poznaniu. Prace Wydziału Matematyki, Fiziki i Chemicznej. Seria Matematyka. (Poznań)
- Unternehmensforschung.* Unternehmensforschung. Operations Research—Recherche Opérationnelle. (Würzburg)
- Ural. Gos. Univ. Mat. Zap.* Ministerstvo Vyslego i Srednego Special'nogo Obrazovanija RSFSR. Ural'skii Gosudarstvennyi Universitet im. A. M. Gor'kogo. Ural'skoe Matematicheskoe Obščestvo. Matematicheskie Zapiski. (Sverdlovsk)
- Ural. Politehn. Inst. Sb.* Ministerstvo Prosvětlenija RSFSR. Ural'skii Politehnicheskii Institut im. S. M. Kirova. Sbornik. (Sverdlovsk)
- Uspehi Mat. Nauk.* Akademija Nauk SSSR i Moskovskoe Matematicheskoe Obščestvo. Uspehi Matematičeskikh Nauk. (Moscow-Leningrad) (Selected articles translated as: *Russian Math. Surveys*)
- Užgorod. Gos. Univ. Naučn. Zap.* MVO USSR. Užgorodskii Gosudarstvennyi Universitet. Naučnye Zapiski. (Lvov)
- V. I. Lenin. Sakharov. Politekh. Inst. Šrom.* V. I. Leninis Šromis Citholi Drošis Ordenoasani Sakharthvelos Politeknikuri Instituti. Šromebi. (Tbilisi) (Formerly listed as: *Gruzin. Politehn. Inst. Trudy*)
- Vesci Akad. Nauk BSSR Ser. Fiz.-Mat. Navuk.* Vesci Akademii Nauk BSSR. Serija Fizika-matematyčnyh Navuk. (Minsk)
- Vesci Akad. Nauk BSSR Ser. Fiz.-Tehn. Navuk.* Vesci Akademii Nauk BSSR. Serija Fizika-Tehničnych Navuk. (Minsk)
- Vestnik Akad. Nauk Kazah. SSR.* Vestnik Akademii Nauk Kazahskoj SSR. (Alma-Ata)
- Vestnik Har'kov. Gos. Univ.* Ministerstvo Vyslego i Srednego Special'nogo Obrazovanija USSR. Vestnik Har'kovskogo Gosudarstvennogo Universiteta. Serija Mekhaniko-Matematičeskaja. Zapiski Mekhaniko-Matematičeskogo Fakulteta i Har'kovskogo Matematicheskogo Obščestva. (Kharkov)

ABBREVIATIONS OF NAMES OF JOURNALS

- Vestnik Leningrad. Univ.* Vestnik Leningradskogo Universiteta. (Leningrad)
- Vestnik L'vov. Politehn. Inst.* Ministerstvo Vyshego i Srednego Special'nogo Obrazovanija USSR. Vestnik L'vovskogo Politehnicheskogo Instituta. (Lvov)
- Vestnik Moskov. Univ. Ser. I Mat. Mekh.* Vestnik Moskovskogo Universiteta. Serija I. Matematika, Mekhanika. (Moscow)
- Vestnik Moskov. Univ. Ser. III Fiz. Astronom.* Vestnik Moskovskogo Universiteta. Serija III. Fizika, Astronomija. (Moscow) (Translated as: *Moscow Univ. Bull. Ser. III Phys. Astronom.*)
- Vidya.* Vidya (Knowledge). The Journal of the Gujarat University. (Ahmedabad)
- Vierteljahrscr. Naturforsch. Ges. Zürich.* Vierteljahrsschrift der Naturforschenden Gesellschaft in Zürich. (Zürich)
- Vijnana Parishad Anusandhan Patrika.* Vijnana Parishad Anusandhan Patrika [The Research Journal of the Hindi Science Academy]. (Allahabad)
- Vianik Kijiv. Univ.* Vianik Kijiv'skogo Universitetu. (Kiev)
- Vianik L'viv. Derž. Univ. Ser. Meh.-Mat.* Ministerstvo Viščoi i Serodni Specjal'noi Osviti URSR. Vianik L'viv'skogo Ordona Lenina Deržavnogo Universitetu im. Ivana Franka. Serija Mekhaniko-Matematična. (Lvov)
- Vologod. i Čerepovec. Gos. Ped. Inst. Učen. Zap.* Vologodskii Gosudarstvennyi Pedagogičeskii Institut. Čerepoveckii Gosudarstvennyi Pedagogičeskii Institut. Učenye Zapiski. (Vologda)
- Voll. Mat. Sb.* Ministerstvo Prosvočenija RFSR. Kuibyljevskii Gosudarstvennyi Pedagogičeskii Institut imeni V. V. Kuibyljeva. Volzakii Matematika Sbornik. (Kuibyljev)
- Voprosy Istor. Estestvoznan. i Tehn.* Akademija Nauk SSSR. Voprosy Istorii Estestvoznanija i Tehniki. (Moscow)
- Voprosy Kibernet. Vyčisl. Mat.* Akademija Nauk Uzbekskoj SSR. Institut Kibernetiki s Vyčislitel'nym Centrom. Voprosy Kibernetiki i Vyčislitel'noi Matematiki. (Tashkent) (Formerly: *Voprosy Vyčisl. Mat. Tehn.*)
- Voprosy Kosmog.* Akademija Nauk SSSR. Voprosy Kosmogonii. (Moscow)
- Voprosy Vyčisl. Mat. Tehn.* Akademija Nauk Uzbekskoj SSR. Institut Mekhaniki i Vyčislitel'nyi Centr. Voprosy Vyčislitel'noi Matematiki i Tehniki. (Tashkent) (Continued as: *Voprosy Kibernet. Vyčisl. Mat.*)
- Vyčisl. Mat. (Kiev).* Kievskii Gosudarstvennyi Universitet. Kafedra Vyčislitel'noi Matematiki. Vyčislitel'naja Matematika. (Kiev) (Continued as: *Vyčisl. Prikl. Mat. (Kiev)*)
- Vyčisl. Prikl. Mat. (Kiev).* Kievskii Gosudarstvennyi Universitet. Mezvedomstvennyi Naučnyi Sbornik. Vyčislitel'naja i Prikladnaja Matematika. (Kiev) (Formerly: *Vyčisl. Mat. (Kiev)*)
- Vyčisl. Sistemy.* Akademija Nauk SSSR. Sibirskoe Otdelenie. Institut Matematiki. Vyčislitel'nye Sistemy. Sbornik Trudov. (Novosibirsk)
- Vyčisl. Tehn. Voprosy Programm.* Leningradskii Ordena Lenina Goudarstvennyi Universitet imeni A. A. Ždanova. Kafedra Vyčislitel'noi Matematiki i Vyčislitel'nyi Centr. Vyčislitel'naja Tekhnika i Voprosy Programmirovaniya. (Leningrad)
- Wiadom. Mat.* Roczniki Polackiego Towarzystwa Matematycznego. Ser. II. Wiadomości Matematyczne. (Warsaw)
- Wiss. Z. Ernst-Moritz-Arndt-Univ. Greifswald Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Ernst-Moritz-Arndt-Universität Greifswald. Mathematisch-Naturwissenschaftliche Reihe. (Greifswald)
- Wiss. Z. Friedrich-Schiller-Univ. Jena/Thüringen.* Wissenschaftliche Zeitschrift der Friedrich-Schiller-Universität Jena/Thüringen. (Jena/Thüringen)
- Wiss. Z. Hochsch. Verkehrswesen "Friedrich List" Dresden.* Wissenschaftliche Zeitschrift der Hochschule für Verkehrswesen "Friedrich List" in Dresden. Die Anwendung mathematischer Methoden im Transport- und Nachrichtenwesen. (Dresden)
- Wiss. Z. Humboldt-Univ. Berlin Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Humboldt-Universität Berlin. Mathematisch-Naturwissenschaftliche Reihe. (Berlin)
- Wiss. Z. Karl-Marx-Univ. Leipzig Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Karl-Marx-Universität Leipzig. Mathematisch-Naturwissenschaftliche Reihe. (Leipzig)
- Wiss. Z. Martin-Luther-Univ. Halle-Wittenberg Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Martin-Luther-Universität Halle-Wittenberg. Mathematisch-Naturwissenschaftliche Reihe. (Halle-Wittenberg)
- Wiss. Z. Pädagog. Hochsch. Potsdam Math.-Natur. Reihe.* Wissenschaftliche Zeitschrift der Pädagogischen Hochschule Potsdam. Mathematisch-Naturwissenschaftliche Reihe. (Potsdam)
- Wiss. Z. Techn. Hochsch. Chem. Leuna-Merseburg.* Wissenschaftliche Zeitschrift der Technischen Hochschule für Chemie Leuna-Merseburg. (Leuna-Merseburg)
- Wiss. Z. Techn. Hochsch. Ilmenau.* Wissenschaftliche Zeitschrift der Technischen Hochschule Ilmenau. (Ilmenau)
- Wiss. Z. Techn. Univ. Dresden.* Wissenschaftliche Zeitschrift der Technischen Universität Dresden. (Dresden)
- Wyższa Szkoła Ped. Krakow. Rocznik Nauk.-Dydakt. Prace Mat. Wyższa Szkoła Pedagogiczna w Krakowie. Rocznik Naukowo-Dydaktyczny. Prace Matematyczne.* (Cracow)
- Yokohama Math. J.* Yokohama Mathematical Journal. (Yokohama)
- Z. Angew. Math. Mech.* Zeitschrift für Angewandte Mathematik und Mechanik. Ingenieurwissenschaftliche Forschungsarbeiten. (Berlin)
- Z. Angew. Math. Phys.* Zeitschrift für Angewandte Mathematik und Physik. ZAMP. Journal of Applied Mathematics and Physics. Journal de Mathématiques et de Physiques Appliquées. (Basel)
- Z. Ēksper. Teoret. Fiz.* Akademija Nauk SSSR. Žurnal Ēksperimentalnoi i Teoreticheskoi Fiziki. (Moscow) (Translated as: *Soviet Physics JETP*)
- Z. Math. Logik Grundlagen Math.* Zeitschrift für Mathematische Logik und Grundlagen der Mathematik. (Berlin)
- Z. Naturforsch.* Zeitschrift für Naturforschung. (Tübingen)
- Z. Phonetik Sprachwiss. Kommunikat.* Zeitschrift für Phonetik Sprachwissenschaft und Kommunikationsforschung. (Berlin)
- Z. Physik.* Zeitschrift für Physik. (Berlin-Göttingen-Heidelberg)
- Z. Prikl. Meh. i Tehn. Fiz.* Žurnal Prikladnoi Mekaniki i Tehnicheskoi Fiziki. (Moscow) (Translated as: *J. Appl. Mech. Tech. Phys.*)
- Z. Vyčisl. Mat. i Mat. Fiz.* Akademija Nauk SSSR. Žurnal Vyčislitel'noi Matematiki i Matematicheskoi Fiziki. (Moscow) (Translated as: *U.S.S.R. Comput. Math. and Math. Phys.*)
- Z. Wahrscheinlichkeitstheorie und Verw. Gebiete.* Zeitschrift für Wahrscheinlichkeitstheorie und Verwandte Gebiete. (Berlin)
- Zap. Mat. Fak. i Har'kov. Mat. Obšč.* See *Vestnik Har'kov. Gos. Univ.*
- Zap. Naučn. Sem. Leningrad. Otdel. Mat. Inst. Steklov. (LOMI).* Zapiski Naučnyi Seminarov Leningradskogo Otdelenija Matematicheskogo Instituta im. V. A. Steklova Akademii Nauk SSSR (LOMI). (Moscow) (Translated as: *Sem. Math. V. A. Steklov Math. Inst. Leningrad*)
- Zastos. Mat.* Polska Akademia Nauk. Instytut Matematyczny. Zastosowania Matematyki. (Warsaw)
- Zbl. Zentralblatt für Mathematik und ihre Grenzgebiete.* (Berlin-Göttingen-Heidelberg)
- Zbl. Math.* Zentralblatt für Mathematik und ihre Grenzgebiete (Berlin-Göttingen-Heidelberg) (Usually abbreviated *Zbl* in the text of *Math. Review*)
- Zeszyty Nauk. Mat. Fiz. i Chem. Wyt. Szkol. Ped. Gdańsk.* Zeszyty Naukowe Matematyka Fizyka i Chemia. Wyższa Szkoła Pedagogiczna w Gdańsku. Wydział Matematiki, Fizyki i Chemicznej (Gdańsk)

ABBREVIATIONS OF NAMES OF JOURNALS

<i>Zeszyty Nauk. Politech. Poznań. Zeszyty Naukowe Politechniki Poznańskiego.</i> (Poznań)	<i>Zeszyty Nauk. Univ. Jagiello. Prace Mat. Zeszyty Naukowe Uniwersytetu Jagiellońskiego. Prace Matematyczne. (Matematyka, Fizyka, Chemia) (Kraków)</i>
<i>Zeszyty Nauk. Politech. Szczecin. Zeszyty Naukowe Politechniki Szczecieńskiej.</i> (Szczecin)	<i>Zeszyty Nauk. Univ. Jagiello. Prace z Logiki. Zeszyty Naukowe Uniwersytetu Jagiellońskiego. Prace z Logiki. (Cracow)</i>
<i>Zeszyty Nauk. Politech. Warszawsk. Mat. Politechnika Warszawska. Institut Matematyki. Zeszyty Naukowe. Matematyka i jej Zastosowanie.</i> (Warsaw)	<i>Zeszyty Nauk. Univ. Łódz. Nauki Mat. Przyrod. Ser. II. Zeszyty Naukowe Uniwersytetu Łódzkiego. Nauki Matematyczno Przyrodnicze. Seria II. (Łódź)</i>
<i>Zeszyty Nauk. Univ. Jagiello. Prace Fiz. Zeszyty Naukowe Uniwersytetu Jagiellońskiego. Prace Fizyczne.</i> (Kraków)	<i>Zhongguo Kexue Jishu Daxue Xuebao. (Peking) See <i>J. China Univ. Sci. Techn.</i></i>

JOURNALS IN TRANSLATION

- Acta Mech. Sinica (New York).* Acta Mechanica Sinica. (New York) (Translation of *Acta Mech. Sinica (Peking)*)
- Astrophysics.* Astrophysics. (A translation of *Astrofizika* of the Academy of Sciences of the Armenian SSR). (New York) (Translation of *Astrofizika*)
- Automat. Remote Control.* Automation and Remote Control. (A translation of *Automatika i Telemekhanika*, a publication of the Academy of Sciences of the USSR). (Pittsburgh, Pa.) (Translation of *Automat. i Telemeh.*)
- Chinese J. Phys. (Peking)* Chinese Journal of Physics (Peking). (A translation of *Acta Physica Sinica* of the Chinese Academy of Sciences, Peking). (New York) (Translation of *Acta Phys. Sinica*)
- Chinese Math.—Acta.* Chinese Mathematics. Translation of *Acta Mathematica Sinica*. (Providence, R.I.) (Translation of *Acta Math. Sinica*)
- Cybernetics.* Cybernetics. (New York) (A translation of *Kibernetika (Kiev)*)
- Differential Equations.* Differential Equations. (New York) (Translation of *Differencial'nye Uravnenija*)
- Engrg. Cybernetics.* Engineering Cybernetics. English Edition of *Tehnicheskaja Kibernetika*. (New York) (Translation of *Izv. Akad. Nauk SSSR Tehn. Kibernet.*)
- Functional Anal. Appl.* Functional Analysis and its Applications. (New York) (Translation of *Funkcional. Anal. i Prilozhen.*)
- Izv. Acad. Sci. USSR Atmospher. Ocean. Phys.* Izvestiya Academy of Sciences USSR. Atmospheric and Oceanic Physics. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Atmosfer. i Okeana*)
- Izv. Acad. Sci. USSR Phys. Solid Earth.* Izvestiya Academy of Sciences USSR. Physics of the Solid Earth. (Washington, D.C.) (Translation of *Izv. Akad. Nauk SSSR Ser. Fiz. Zemli*)
- J. Appl. Math. Mech.* Journal of Applied Mathematics and Mechanics. (Translation of the Soviet journal *Prikladnaja Matematika i Mekhanika*). (New York) (Translation of *Prikl. Mat. Meh.*)
- J. Appl. Mech. Tech. Phys.* Journal of Applied Mechanics and Technical Physics. (Translation of *Z. Prikl. Meh. i Tehn. Fiz.*) (New York)
- Magnetohydrodynamics.* Magnetohydrodynamics. (A translation of *Magnitnaya Gidrodinamika* of the Academy of Sciences of the Latvian SSR). (New York) (Translation of *Magnit. Gidrodinamika*)
- Math. Notes.* Mathematical Notes of the Academy of Sciences of the USSR. (New York) (Translation of *Mat. Zametki*)
- Math. USSR-Izv.* Mathematics of the USSR-Izvestija. (Providence, R.I.) (Translation of *Izv. Akad. Nauk SSSR Ser. Mat.*)
- Math. USSR-Sb.* Mathematics of the USSR-Sbornik. (Providence, R.I.) (Translation of *Mat. Sb.*)
- Moscow Univ. Bull. Ser. III Phys. Astronom.* Moscow University. Moscow University Bulletin. Series III. Physics and Astronomy. (Aston, Mass.) (Translation of *Vestnik Moskov. Univ. Ser. III Fiz. Astronom.*)
- Probleme der Kybernetik.* Probleme der Kybernetik. (Berlin) (Translation of *Problemy Kibernet.*)
- Problems of Information Transmission.* Problems of Information Transmission. (New York) (Translation of *Problemy Peredachi Informacii*)
- Proc. Steklov Inst. Math.* Proceedings of the Steklov Institute of Mathematics. (Providence, R.I.) (Translation of *Trudy Mat. Inst. Steklov.*)
- Radio Engrg. Electron. Phys.* Radio Engineering and Electronic Physics. (Translation of *Radiotekhnika i Elektronika*, a U.S.S.R. Academy of Sciences Publication). (New York) (Translation of *Radiotekhn. i Elektron.*)
- Russian Math. Surveys.* Russian Mathematical Surveys. (A translation of the survey articles and of selected biographical articles in *Uspehi Matematicheskikh Nauk*). (London) (Translation of *Uspehi Mat. Nauk*)
- Sem. Math. V. A. Steklov Math. Inst. Leningrad.* Seminars in Mathematics V. A. Steklov Mathematical Institute Leningrad. (New York) (Translation of *Zap. Naučn. Sem. Leningrad. Otdel. Mat. Inst. Steklov. (LOMI)*)
- Siberian Math. J.* Siberian Mathematical Journal. (New York) (Translation of *Sibirsk. Mat. Z.*)
- Soviet Appl. Mech.* Soviet Applied Mechanics. (New York) (Translation of *Prikladna. Meh.*)
- Soviet Astronom. AJ.* Soviet Astronomy. AJ. (A translation of *Astronomicheskij Zhurnal*, the astronomical journal of the Academy of Sciences of the USSR.) (New York) (Translation of *Astronomicheskij Zhurnal*)
- Soviet J. Nuclear Phys.* American Institute of Physics. Soviet Journal of Nuclear Physics. (New York) (Translation of *Jadernaja Fiz.*)
- Soviet Math. Dokl.* Soviet Mathematics. Doklady. (A translation of the mathematics section of *Doklady Akademii Nauk SSSR*). (Providence, R.I.) (Translation of mathematics section of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics Acoust.* Soviet Physics. Acoustics. (A translation of *Akusticheskij Zhurnal* of the Academy of Sciences of the USSR). (New York) (Translation of *Akust. Z.*)
- Soviet Physics Dokl.* Soviet Physics. Doklady. (A translation of the physics sections of *Doklady Akademii Nauk SSSR*). (New York) (Translation of physics sections of *Dokl. Akad. Nauk SSSR*)
- Soviet Physics J.* Soviet Physics Journal. (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Fizika*)
- Soviet Physics JETP.* Soviet Physics. JETP. (A translation of *Z. Èksperimental'noj i Teoretičeskoi Fiziki* of the USSR). (New York) (Translation of *Z. Èksper. Teor. Fiz.*)
- Soviet Radiophys.* Soviet Radiophysics. (A translation of the *Izvestija Vysših Učebnyh Zavedenij Radiofizika* of the Ministry of Higher Education of the USSR). (New York) (Translation of *Izv. Vysš. Učebn. Zaved. Radiofizika*)
- Systems Theory Res.* Systems Theory Research. (New York) (Translation of *Problemy Kibernet.*)
- Theor. Probability Appl.* Theory of Probability and its Applications. (An English translation of the Soviet journal *Teoriya Veroyatnostej i ee Primenenija*). (Philadelphia, Pa.) (Translation of *Teor. Veroyatnost. i Primenen.*)
- Trans. Moscow Math. Soc.* Transactions of the Moscow Mathematical Society. (Providence, R.I.) (Translation of *Trudy Moskov. Mat. Obšč.*)
- U.S.S.R. Comput. Math. and Math. Phys.* U.S.S.R. Computational Mathematics and Mathematical Physics. (Oxford) (Translation of *Z. Vyčisl. Mat. i Mat. Fiz.*)
- Ukrainian Math. J.* Ukrainian Mathematical Journal. (New York) (Translation of *Ukrain. Mat. Ž.*)

ERRATA AND ADDENDA

VOLUME 1

p. 141 : Hille, Einar

In the second line replace " $h_n(z) = \exp(-\frac{1}{2}z^2)$ ", by " $h_n(z) = \exp(-\frac{1}{2}z^2) \cdot H_n(z) =$ ", and in the third line delete " $H_n(z)$ ".

VOLUME 20

#5801 : Alexandroff, P. S.

The last sentence should be modified to read: "The original Russian edition was published by Učpedgiz, Moscow, 1938."

VOLUME 21

#2104 : Horváth, J.

After the author's name add "[Horváth, John]".

#6510 : Horváth, J.

After the author's name add "[Horváth, John]".

Index for Volume 21

On page 1480 create a new entry for John Horváth and transfer to it items 2104 and 6510 previously attributed to János I. Horváth.

VOLUME 23

#A1502 : Katětov, Miroslav; Novák, Josef; Čech, Alois

In the heading, replace Alois Čech by Alois Švec. The correct paging is 61-88.

Index for Volume 23

On page 822 delete the entry for A. Čech. On page 840, column 3, item A1502, replace Alois Čech by Alois Švec in the heading.

VOLUME 27

#1693 : Horváth, J.

After the author's name add "[Horváth, John]".

#4059 : Horváth, J.

After the author's name add "[Horváth, John]".

Index for Volume 27

On page 1313 change J. Horváth to John Horváth.

VOLUME 29

#6156 : Kružkov, S. N.; Kupcov, L. P.

In the second line from the bottom, the reference attributed to the reviewer should be attributed to James Serrin.

VOLUME 30

#3585 : Eršov, A. P.; Kožukin, G. I.; Vološins, J. M.

Kožukin, G. I. should read Kožuhin, G. I.

Index for Volume 30

On page 1128 the entry for G. I. Kožukhin should read: "See Kožuhin, G. I." In the same column the entry for G. I. Kožukin should read G. I. Kožuhin.

VOLUME 31

#6148 : Jaglom, I. M.

This work is in three parts, the first two of which constitute volume 1. There is no third volume.

VOLUME 32

#8300: Marušin, M. H.

In the author's name replace "H." by "N."

Index for Volume 32

On page 1661 change M. H. Marušin to M. N. Marušin.

VOLUME 33

#1991: Aramanovič, I. G.; Lunc, G. L.

El'sgol'c, L. È. should be added to the list of authors.

#7774: Carleson, Lennart

In the first two paragraphs replace "o" by "o" wherever it occurs.

Index for Volume 33

On page 1450 change the entry for I. G. Aramanovič to read "(with Lunc, G. L. and El'sgol'c, L. È.)". On page 1473, under El'sgol'c, L. È. add the following: "1991: (with Aramanovič, I. G. and Lunc, G. L.) ★Functions of a complex variable. Operational calculus. Theory of stability." On page 1512, in the entry for G. L. Lunc, change item 1991 to read "(with Aramanovič, I. G. and El'sgol'c, L. È.)".

VOLUME 34

#2026: Sharma, Banwari Lal

The second reference should be attributed to L. Siebenmann.

pp. 857–858; Introduction, pp. 859–861; Text, pp. 862–1032; Summary and further problems, pp. 1033–1036.

#2526: Wójcik, J.

The hypotheses given in the review should be changed as follows: in lines 3–4 replace "the same minimal splitting field" by "arbitrarily chosen roots of f and g generate the same normal field".

#6569: Dubinskii, Ju. A.; Pohažaev, S. I.

The correct spelling of the second author's name is S. I. Pohažaev.

Index for Volume 34

On page 1650, in the entry for Ju. A. Dubinskii correct the spelling of Pohažaev to Pohožaev. On page 1713 correct the spelling of S. I. Pohažaev to S. I. Pohožaev.

VOLUME 35

#6103: Dubrovin, A. O.

The correct date of the first reference is 1961.

VOLUME 36

#178: Grothendieck, A.

In the heading, the date of publication should be 1966.

letter from John R. Isbell led him to overstate Isbell's claims as given in a note added to that review. The reviewer would like to add to that note the following remarks: (1) Isbell's claims were intended to apply only to the parts of the paper on relative adjoints (although Ulmer himself points out the intimate connection between Isbell's "adequate subcategory" and his own "dense functor"). (2) Isbell has no claim on the concept or existence of free right complete categories. (3) Ulmer includes a reference to Isbell's work. (4) Ulmer's paper was originally submitted to the editor in June or July of 1966 while Isbell's paper only appeared in the July 1966 issue of Bull. Amer. Math. Soc.

#755: Grässer, H. S. P.

In the heading, after "Pretoria, 1967" insert "88 pp."

#2752: Mukhopadhyay, S. N.

The reviewer wishes to add the following remarks: "The counter-example to the author's result which was conjectured by the reviewer was given by J. Marcinkiewicz [Bull. Sémin. Math. Univ. Wilno 1 (1938), 19–34, Collected Papers, Warsaw, 1964]. This information and another counter-example were sent to the reviewer by G. Piranian."

#5190: Ulmer, Friedrich

The reviewer regrets that an overhasty reading of a

#5696: Grossman, Marvin W.

Delete the last sentence of the review.

VOLUME 37

#133: Church, C. A., Jr.; Gould, H. W.

The reference to the 1901 edition of E. Netto, *Lehrbuch der Combinatorik* should be deleted. The relevant result of Skolem is found only in the 1927 edition published by Teubner, Leipzig, and in the cited reprint by Chelsea.

#721: Lifsic, E. A.

In the last line, after "D. Wexler", insert the reference "[J. Differential Equations 3 (1967), 236–247; MR 34 #7922]".

#949: Morucci, Bernard

At the end of the last sentence, after the word "violated" insert "and so the moment of order $2k$ cannot be finite".

#1262: Gould, H. W.

In line 3, "partitions" should be replaced by "combinations".

#1609: Rahman, Q. I.; Khan, M. A.

After "Khan, M. A." insert "[Ali Khan, Mohd.]".

#2901: Loh, Hooi-tang

The author's name is spelled Hooi-tong Loh.

#3026: Venugopal Rao, V.

In the heading, replace the name in brackets by "Rao, N. Venkateswara".

#3027: Venugopal Rao, V.

In the heading, replace the name in brackets by "Rao, N. Venkateswara".

#3461: Decuyper, Marcel

The reference in line 9 should be replaced by "Lucien Godeaux [Acad. Roy. Belg. Bull. Cl. Sci. (5) 52 (1966), 167–170; MR 33 #7946]".

#4018: Leutbecher, Armin

The first four words of the last sentence should be replaced by the following: "Daß die Einheiten von $\mathbb{Q}(\sqrt{5})$ Spalten sind".

#4252: Schober, Glenn

The formula displayed in line 7 should read:

$$\lim_{b \rightarrow 0} \int_0^b |\zeta_n'(t \pm u) - \zeta_n'(t)| u^{-1} du = 0.$$

#4560: Nicolae, Popa

The author's first name and surname were interchanged. The correct form is Nicolae Popa.

#5274: Aleksandrov, P. S.

The first edition of the Russian original appeared in 1938 [Učpedgiz, Moscow, 1938]. The 1951 edition is the second edition.

#5350: Papangelou, F.

In the last sentence replace $\mu_s' \mathcal{S}$ by μ_s .

#5366: Golodec, V. Ja.

The review printed under this heading is actually a review of an article by M. R. Tetruashvili [Sakhartsh. SSR Mecn. Akad. Moambe 47 (1967), 519–524; MR 37 #5707] and conversely. The two reviews should be interchanged.

#5699: Grossman, Marvin W.

Replace "The author proves that if E satisfies Edwards' approximation hypothesis, then each x in X has a unique representing measure μ_x concentrated on the Choquet boundary of X relative to E ." with "The author proves that if E satisfies Edwards' approximation hypothesis and each x in X has a unique representing measure concentrated on the Choquet boundary (in a certain sense), then for each closed subset A of the Choquet boundary of X relative to E and each y in $\text{conv } A$ with y weakly E -between x and z in X , x and z are in $\text{conv } A$. (In particular, $\text{conv } A$ is an E -extreme subset of X .)"

#5707: Tetruashvili, M. R.

The review printed under this heading is actually a review of an article by V. Ja. Golodec [Dokl. Akad. Nauk SSSR 178 (1968), 771–773; MR 37 #5386] and conversely. The two reviews should be interchanged.

#5924: Dellacherie, Claude

The statement of the theorem in the last five lines should be replaced by the following: "If G is an almost Borel subset of a second countable, locally compact topological space E , X_t a Markov process with values in E , and if almost every sample function of X_t meets G for only a denumerable set of values of t , then G is semi-polar."

#5936: Cairoli, R.

This review implied that the article presented no new results. In fact, there are new results concerning separately excessive functions with respect to a product of two transition semigroups, as well as new proofs of old results (see R. Cairoli, Publ. Inst. Statist. Univ. Paris 15 (1966), 311–384; MR 35 #7397).

The reviewer regrets any inconvenience that may have been caused by the above errata (#5924 and #5936).

#6925: Haq, Muhammad Rashidul

In the heading, remove the name in brackets.

Index for Volume 37

On page 1340 create a new entry: "Ali Khan, Mohd. 1609: (with Rahman, Q. I.) Function of exponential type belonging to L^ρ on the real line." On page 1367 under V. Ja. Golodec, delete item 5366 and transfer it to M. R. Tetruashvili on page 1428. On page 1371 interchange the items listed under Muhammad Rashidul Haq and Md. Rashidul Haque. On page 1381, after Khan, M. A. replace item 1609 with "See Ali Khan, Mohd." On page 1391 change the spelling of Hooi-tang Loh to Hooi-tong Loh. On page 1402 delete the entry

VOLUME 37 cont.

for Popa Nicolae and transfer to a new entry on page 1408 under Nicolae Popa. On page 1410 under the entries for Rahman, Q. I. change 1609 to read (with Ali Khan, Mohd.). On page 1428 under M. R. Tetruashvili,

delete item 5707 and transfer it to V. Ja. Golodee on page 1367. On page 1433 delete items 3026 and 3027 from V. Venugopal Rao and transfer them to a new entry Rao, N. Venkateswara.

VOLUME 38

#201: Schue, John R.

The reviewer noted too late that the result 3.14 is incompatible with results of Block. As a result of communication with the author, he suggests the following correction to his review:

"The assertion of 3.14 (Levi's theorem for Type 1 algebras) is false. Theorem 5 and the Corollary to Theorem 9 must be modified to assert only the existence of a subalgebra which, modulo its radical, is the simple 3-dimensional algebra. Some small modifications in the proof of Theorem 9 have been made by the author to replace his use of 3.14."

#238: Simon, Hermann

The last word of the review should be "partition" rather than "position".

#396: Mizohata, Sigeru

On page 75, line 2 from the bottom, replace "Schwartz" by "Schwarz".

#426: Rubinsteins, L.; Enikeeva, E. H.

After the name of the second author add "[Jenikeeva, E.]".

#1155: Černikov, S. N.

After the author's name add "[Černikov, S. M.]".

#1431: Singh, N.

After the author's name add "[Singh, Niranjan]".

#1629: Robinson, J.; Zund, J. D.

After the name of the first author add "[Robinson, Joanna R.]".

#2681: Haq, Muhammed Rashidul

After the author's name add "[Haque, Md. Rashidul]".

#3054: Blaquièrre, Augustin; Bonnemay, Alain; Gérard, Françoise

In the first line, replace "Berkovitz" by the following reference: "L. D. Berkovitz [Advances in game theory, pp. 127-174, Princeton Univ. Press, Princeton, N.J. 1964; MR 29 #1075]."

#4530: Goldman, Oscar; Sah, Chih-han

In the first paragraph replace "(c) the socle of A is dense" by "(c) the socle of Γ is dense".

#5342: Richter, Hans

The first reference should be replaced by the following one: Z. Wahrscheinlichkeitstheorie und Verw. Gebiete 2 (1963), 22-32; MR 31 #4126.

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Б б	b	b	b	b	b	b	b
В в	v	v	v	v	v	v	v
Г г	g	g	g	g	g	g	g
Д д	d	d	d	d	d	d	d
Е є	e	e	e	ě	ě	ě	ě
Ё ё	ž	zh	zh	zh	ž	ž	ž
Ж ж	ж	z	z	z	z	z	z
З з	з	i	i	i	i	i	i
И и	и	j	j	i	i	i	i
Й й	й	k	k	k	k	k	k
К к	k	l	l	l	l	l	l
Л л	л	m	m	m	m	m	m
М м	m	n	n	n	n	n	n
Н н	n	o	o	o	o	o	o
О о	o	p	p	p	p	p	p
П п	p	r	r	r	r	r	r
Р р	r	s	s	s	s	s	s
С с	s	t	t	t	t	t	t
Т т	t	u	u	u	u	u	u
У у	у	f	f	f	f	f	f
Ф ф	ф	h	kh	kh	kh	kh	х
Х х	х	c	c	ta	ta	ta	х
Ц ц	ц	ch	ch	ch	ch	ch	ч
Ч ч	ч	sh	sh	sh	sh	sh	ш
Ш ш	ш	shch	shch	shch	shch	shch	ш
Щ щ	щ	-	-	-	-	-	-
Ы ы	ы	y,	y	y	y	y	y
Ь ь	ь	е	e	é	é	è	è
Э э	э	ju	yu	yu	ju	ju	ju
Ю ю	ю	ja	ya	ya	ja	ja	ja
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